Samsung GALAXY S 4 mini

4 G LTE SMARTPHONE

User Manual

Please read this manual before operating your phone and keep it for future reference.

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Your phone features earSmart™, an intelligent voice processor that delivers a clear voice experience, allowing you to **hear and be heard**™ in nearly any environment. earSmart technology uses the science of human hearing to distinguish sounds, identify your voice and suppress surrounding noise, for clear conversations just about anywhere.

How Does It Work?

- The earSmart voice processor in your phone captures your voice and all the sounds around you.
- Working like the human ear, it processes and distinguishes these sounds, isolates your voice conversation, and removes background noise - from both ends of a call.
- It also automatically equalizes and adjusts voice volume so you can hear and talk naturally, even in the noisiest places.
- With earSmart technology, you can talk where you want, and have clear conversations for mobile calls, video chats, even speakerphone calls, without worrying about surrounding noise.

Online Legal Information

The online version of the Health/Safety and Warranty guide for your device can be found at:

English: www.samsung.com/us/Legal/Phone_HSGuide

Spanish: www.samsung.com/us/Legal/Phone_HSGuide_SP

The online version of the End User Licensing Agreement for your device can be found:

Online at: www.samsung.com/us/Legal/SamsungLegal-EULA1.

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Flipboard 123
Gallery 123

Games 123
Gmail 123
Google 124
Google Settings 124
Google+ 124
Group Play 125
Hangouts 125
Isis Mobile Wallet 126
Local 126
Maps 126
Messages 126
Messaging 127
Mobile Hotspot 127
Music 127
My Files 131
myAT&T 132
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Phone 133
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Section 1: Getting Started

This section explains how to start using your phone by configuring your hardware, setting up accounts, and setting up your voice mail.

Understanding This User Manual

The sections of this manual generally follow the features of your device. A robust index for features begins on page 190.

This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Unless otherwise specified, all instructions in this manual assume that you are starting with the phone unlocked, at a Home screen. To get to a Home screen, you may need to unlock the device. For more information, refer to *"Securing Your Device"* on page 14.

Note: Instructions in this manual are based on default settings and may vary from your device depending on the software version on your device and any changes to the device's settings.

Note: All screen images in this manual are simulated. Actual displays may vary, depending on the software version of your device and any changes to the device's settings.

Special Text

In this manual, some text is set apart from the rest. This special text is intended to point out important information, share quick methods for activating features, define terms, and more. The definitions for these methods are as follows:

- **Note**: Presents alternative options for the current feature, menu, or sub-menu.
- **Tip**: Provides quick or innovative methods or useful shortcuts.
- **Important**: Points out important information about the current feature that could affect performance.
- **Warning**: Brings important information to your attention that can help to prevent loss of data or functionality or damage to your device.

Text Conventions

This manual provides condensed information about how to use your device. To make this possible, the following text conventions are used to represent often-used steps:

➔ Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures. For example:

From a Home screen, touch **Apps** ➔ **Settings** ➔ **My device tab** ➔ **Display** ➔ **Screen timeout**.

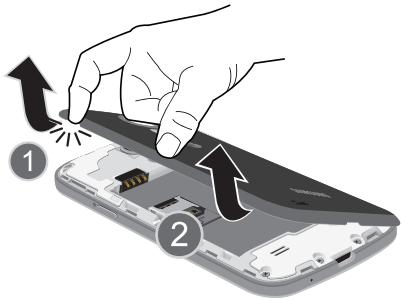
Removing the Back Cover

Prior to use it is necessary to install both the battery and SIM into their corresponding internal compartments. The microSD card slot is also located in this same internal area.

Caution! Do not bend or twist the back cover excessively. Doing so may damage the cover.

To remove the back cover:

1. Place your fingernail into the slot in the side of the cover (1). If you have fragile nails, use a pointed object.
2. Pull the cover up and then lift up and away from the phone (2).



Installing the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, available optional services, and many others features.

Important! The plug-in SIM card information and its contacts can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

- Carefully slide the SIM card under the bottom metal plate into the SIM card socket, as shown, until the card locks into place.

Caution! Make sure that the card's gold contacts face into the phone and that the upper-left angled corner of the card is positioned as shown.



Note: If the card is not inserted correctly, the phone will not detect the SIM card. Re-orient the card back into the slot, if the SIM is not detected.

Installing a MicroSD Card

Your device supports removable microSD or microSDHC memory cards with maximum capacities of 64 GB (depending on the memory card manufacturer and type). Memory cards are used to store music, photos, videos, and other files.

Note: You can only store music files that you own (from a CD or purchased with the device) on a memory card.

To insert an optional microSD memory card:

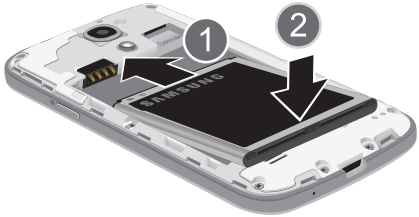
- Carefully slide the memory card under the top metal plate into the memory card socket, as shown, until the card locks into place.



Installing the Battery

To install the battery:

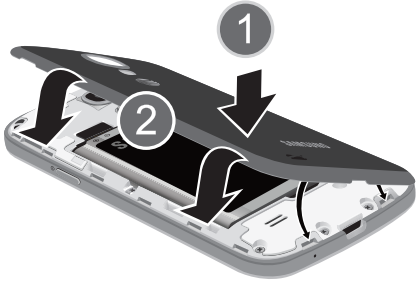
1. Insert the battery into the opening on the back of the phone, making sure the connectors align (1).
2. Gently press down to secure the battery (2).



Replacing the Back Cover

1. Place the battery cover onto the back of the phone (1) and press down (2).

Note: Make sure the battery is properly installed before switching on the phone.



2. Press along the edge of the back cover (3) until you have a secure seal.



Charging the Battery

Your phone is powered by a rechargeable Li-ion battery. The Travel Charger, which is used to charge the battery, is included with your phone. Use only Samsung-approved batteries and chargers.

Note: You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 4 hours.

Note: Long backlight settings, searching for service, vibrate mode, web browser use, and other variables may reduce the battery's talk and standby times.

Although you can use the phone while the battery is charging, doing so requires additional charging time.

Using the Travel Charger

To use the Travel Charger:

1. Plug the flat end of the Travel Charger (1) into the Power/Accessory Interface connector and the other end (2) into a standard AC wall outlet.



2. When charging is finished, remove the flat end from the interface connector jack on the phone.

Note: Failure to unplug the wall charger before you remove the battery, can cause damage to the phone.

Important! Verify that the handset battery is installed prior to connection. If the battery is not properly installed and the wall charger is connected, the handset may power off and on continuously, preventing proper operation.

Warning! If your handset has a touch screen display, please note that a touch screen responds best to a light touch from the pad of your finger. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, the battery icon () blinks and the device sounds a warning tone at regular intervals. In this condition, your phone conserves its remaining battery power, not by turning off the backlight, but by entering the dimming mode.

For a quick check of your battery level, glance at the battery charge indicator located in the upper-right corner of your device's display. Solid color () indicates a full charge.

When the battery level becomes too low, the phone automatically turns off.

You can also choose to display a percentage value. Having a percentage value onscreen can provide a better idea of the remaining charge on the battery.

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **My device** ➔ **Display** ➔ **Show battery percentage**.

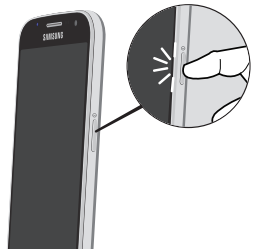
Turning Your Phone On or Off

To turn your phone on:

- Press and hold the **Power/Lock Key** until the phone switches on.

For more information, refer to *"Unlocking the Device"* on page 15.

Note: Your device's internal antenna is located along the top back of the device. Do not block the antenna; doing so may affect signal quality and may cause the device to operate at a higher power level than is necessary.



For more information, refer to *"GPS Applications"* on page 106.

Note: The display language is preset to English at the factory. To change the language, use the Language menu. For more information, refer to *"Settings"* on page 146.

To turn your phone off:

1. Press and hold the **Power/Lock Key** until the **Device options** screen displays.
2. Touch **Power off** to turn off the phone.
3. At the **Power off** prompt, touch **OK**

Setting Up Your Phone

When you turn on your phone for the first time, you will be prompted to set up your phone by using the AT&T Ready2Go feature.

AT&T Ready2Go helps you quickly and easily setup your phone by using the web browser on your PC. You can set up email accounts, import contacts, set wallpaper, configure Wi-Fi, and more.

Some screens can be skipped (touch **Next**) or re-displayed (touch **Back**). Some screens display depending on the options you choose.

Note: If your screen dims or turns off, press the Power/Lock key to continue.

Setting Up Your Voice Mail

1. From a Home screen, touch **Phone**.
2. Touch **Voicemail**.
3. Follow the tutorial to create a password, record a greeting, and record your name.

Note: These steps may be different depending on your network.

Accessing Your Voice Mail

1. From a Home screen, touch **Phone**.
2. Touch **Voicemail**.

 You may be prompted to enter a password.
3. When connected, follow the voice prompts from the voice mail center.

Accessing Your Voice Mail from Another Phone

1. Dial your wireless phone number.
2. When you hear your voicemail greeting, press the asterisk key on the phone you are using.
3. Enter your password.

Securing Your Device

By default, the device locks automatically when the screen times out or you can lock it manually. You can unlock the device using one of the default Unlock screens or, for increased security, use a personal screen unlock pattern.

For more information about creating and enabling a Screen unlock pattern, see *"Screen Lock"* on page 155.

For other settings related to securing your device, see *"Location Services"* on page 178.

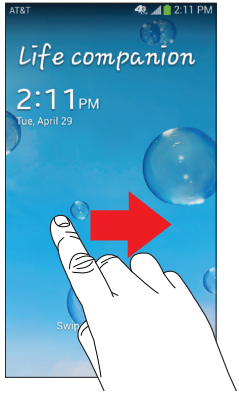
Note: Unless stated otherwise, instructions in this User Manual start with the device unlocked, at the Home screen.

Locking the Device Manually

- Press the ⏻ **Power/Lock Key**.

Unlocking the Device

1. Press the ⏻ **Power/Lock Key**.
2. Swipe across the screen as shown.



Note: You can customize the Lock screen and set the type of Screen Unlock you want to use (Face unlock, Face and voice, Pattern, PIN, or Password). For more information, refer to *"Lock Screen Options"* on page 156.

Troubleshooting

If your device has fatal errors, hangs up, or freezes, you may need to reset the device to regain functionality.

- If your device is frozen and unresponsive, press and hold the ⏻ **Power/Lock Key** for 8 to 10 seconds.

Section 2: Understanding Your Phone

This section outlines some key features of your phone and describes the screen and the icons that appear when the phone is in use. It also shows how to navigate through the phone and provides information on using a memory card.

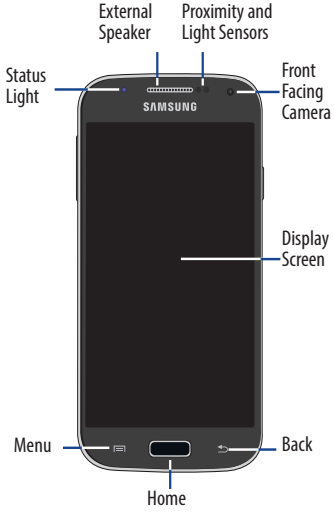
Features of Your Phone

Your phone is lightweight, easy-to-use and offers many useful features. The following list outlines a few of the features included in your phone.

- LTE network with 1.7 GHz Dual-core processor
- Android Version 4.2.2
- Brilliant 4.3-inch qHD sAMOLED display
- Touch screen provides quick response to a variety of in-phone menus and options including applications and up to seven home screens.
- Virtual (onscreen) QWERTY keyboard
- Smart Switch™ compliant. For more information, see samsungsmartswitch.com.
- Ready access to the Internet
- Built-in Bluetooth and advanced Wi-Fi technology
- Mobile Hotspot and USB Tethering capability
- 8 megapixel camera and camcorder with 1.9 megapixel Front Facing camera
- Smart Remote using WatchON
- AT&T GPS Navigation functionality provides real-time navigation
- Delivers data faster using 4G LTE and High Speed Packet Access Plus (HSPA+).
- Up to 64GB expandable memory slot
- Microsoft Exchange ActiveSync and Personal Email
- Sync and update social network applications
- Over 750,000 Apps available to download from Google Play Store and Samsung Apps
- Full Integration of Google Mobile™ Services (Gmail, YouTube, Google Maps, Google Voice Search)
- Multiple Messaging Options: Text/Photo/Video Messaging, and Instant Messaging with Google Hangouts
- Samsung Link to share your media content across DLNA certified devices

Phone Front View

The following items can be found on the front of your phone:



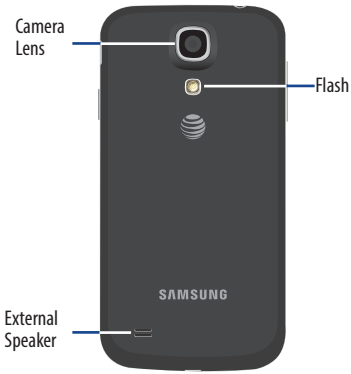
Phone Side Views

The following items can be found on the sides of your phone:



Phone Rear View

The following items can be found on the back of your phone:



Home Screen

The main Home screen is the starting point for many applications and functions and it contains items like application icons, shortcuts, folders, or Google widgets, which gives you instant access to information and applications.

This is the default page and accessible from any menu by pressing **Home**.



Note: Unless stated otherwise, instructions in this user manual start with the device unlocked, at the Home screen.

Extended Home Screen

The Home screen consists of the Home panel, plus additional panels that extend beyond the display width to provide more space for adding shortcuts and widgets.

Slide your finger horizontally across the screen to scroll to the left or right side panels. As you scroll, the indicator at the top of the display shows your current position.

Note: The center panel displays when you touch **Home**.

Customizing the Home Screens

To customize the Home screens to suit your preferences:

1. Navigate to one of the Home screen panels.
2. Touch and hold on the screen until the **Home screen** pop-up displays.
3. Touch **Set wallpaper** to change the Home screen wallpaper. For more information, refer to *"Wallpapers"* on page 32.

 – or –

 Under **Add to home screen** touch:

 - **Apps and widgets** to add app or widget shortcuts on the Home screen.
 - **Folder** to add a folder on a Home screen. For more information, refer to *"Folders"* on page 31.
 - **Page** to add a Home screen.

Display Settings

You can customize display screen settings to your preferences. For more information, refer to *"Display"* on page 157.

Adding and Removing Home Screen Panels

You can add and delete Home screens. You can have up to seven Home screens.

To add a new Home screen:

1. From a Home screen, touch **Menu** ➔ **Edit page**.
2. Touch the Home screen that contains .

 A new screen is added.
3. If desired, touch and hold the new screen and drag it to a different location.
4. Touch the Home icon to set it as the default home screen.
5. Press **Home** to return to the main Home screen.

 You can now add items to your new Home screen.

To delete a Home screen:

1. From a Home screen, touch **Menu** ➔ **Edit page**.
2. Touch and hold the Home screen you want to delete.
3. Drag it to the trash can located at the bottom of the screen. The page will turn red.
4. If there are items on the Home screen, the **Remove home screen page** prompt displays.
5. Touch **OK** to delete the page and its contents, otherwise touch **Cancel**.
6. Press **Home** to return to the main Home screen.

Google Search Bar

The Google Search Bar provides an onscreen Internet search engine powered by Google.

1. From the main Home screen, swipe the screen to the left to bring up the next Home screen.
2. Touch the Google Search bar 

.
3. Use the onscreen keyboard to enter the item you want to search for, then touch on the keyboard.
4. Touch to use Google Voice Search. Follow the on-screen instructions.

Navigating Your Device

Use command buttons and the touch screen to navigate.

Command Buttons

Context-Sensitive Menus

Context-sensitive menus offer options for features or screens. To access context-sensitive menus:

- Touch **Menu** to display a list of options.
- Touch an option in the list.

Home

Press **Home** to display the main Home screen, which is usually the center Home screen.

Press and hold to open a list of thumbnail images of apps you have worked with recently. Touch an App to open it.

Touch to display the Task Manager.

To launch Google Search, touch .

Touch to clear all thumbnail images.

Back

Touch **Back** to return to the previous screen, option or step.

Screen Navigation

Touch

Touch items to select or launch them. For example:

- Touch the onscreen keyboard to enter characters or text.
- Touch a menu item to select it.
- Touch an application's icon to launch the application.

Touch and Hold

Activate onscreen items. For example:

- Touch and hold a widget on the Home screen to move it.
- Touch and hold on a field to display a pop-up menu of options.

Swipe

To swipe, lightly drag your finger vertically or horizontally across the screen. Use swipe when:

- Unlocking the screen
- Scrolling through the Home screen or a menu

Panning

To pan, touch and hold a selected icon, then move the device to the left or right to reposition it to another page. You must first activate Motion on your device. Use panning to:

- Move icons on your Home screens or Application Menus to another page.

Tilt

To activate the tilt feature, touch and hold two points on the screen then tilt the device back and forth to reduce or enlarge the screen. Use tilt to:

- Reduce or enlarge the screen in the Gallery or Browser.

Turn Over

Turn your phone over so that the screen faces downward. For example:

- Mute incoming calls and playing sounds by turning your phone over.

Pinch



Use two fingers, such as your index finger and thumb, to make an inward pinch motion on the screen, as if you are picking something up, or an outward motion by sweeping your fingers out.

For example:

- Pinch a photo in Gallery to zoom in.
- Pinch a webpage to zoom in or out.

Screen Capture

- Touch and hold the **Power/Lock Key** and **Home** to capture and save an image of the current screen.

Note: A copy of the screenshot is automatically saved to the clipboard.

To view the screen shots:

1. From a Home screen, touch **Apps** ➔ **My Files**.
2. Touch **All Files** ➔ **Pictures** ➔ **Screenshots**.
3. Touch a screen capture file to display it.

Using Motions and Gestures

By activating the various motion and gesture features within the Motions and gestures settings menu, you can access a variety of time saving functions.

Activating Motions and Gestures

Your phone includes motion and gesture settings that allow you to control your device with natural movements.

Caution! Excessive shaking or impact to the device may cause unintended results.

To learn how to properly control motions:

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **My device** ➔ **Motions and gestures**.

 The following options are available:

 - **Motion**: Control your device using natural movements (on the screen).
 - **Palm motion**: Control your device by touching the screen with your entire hand.
 - **Gyroscope calibration**: Used to properly calibrate your device's touch screen.

 Each of these options display additional settings. When you touch a setting, an on-screen tutorial demonstrates the motion or gesture.

 For more information, refer to *"Motions and Gestures"* on page 173.

Notifications

When you receive a notification, the Notification icon displays in the Notification Bar. Notifications indicate the arrival of Gmail, Email, alarms, and more.

Notification Bar

The Notification Bar includes a pull-down list to show information about processes that are running, recent notifications, and alerts.

To display the Notification Panel:

- On the Home screen, touch and hold the Notification Bar until the pull-down displays, then drag downward.



In the Notification Panel, touch a Notification icon for more detail. For example, touch a Gmail Notification icon to see who sent the message.

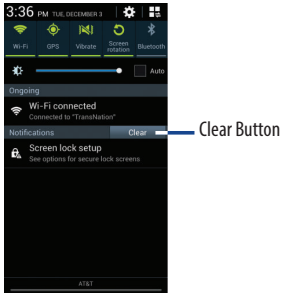
Touch the Time field to open the World clock app and add a new city. Touch a Notification in the list to display the item. For example, touch a Gmail entry to open the Gmail application and view the message.

Most apps that send notifications, such as Gmail, have individual settings that can be configured. See the settings for individual applications.

Clearing Notifications

To clear all notifications from the Notification Panel:

1. From a Home screen, touch the top of the screen and swipe downward, to display the Notification Panel.



2. Touch the **Clear** button. The notifications are cleared and the panel closes.

Accessing Additional Panel Functions

In addition to notifications, the Notification Panel also provides quick and ready access to separate device functions. These can be quickly activated or deactivated by toggling them on (green) or off (gray). You can choose the functions that display.

1. From the Notification Panel, touch to display additional options.
2. Touch and locate the Notification Panel area located at the bottom of the Notification Panel screen.
3. Touch and hold a desired function, and then drag it to the top two rows.
4. Touch **Brightness adjustment** if you want to be able to adjust the screen brightness from the Notification Panel.
5. Touch **Back** and then touch to display only your primary functions.

Indicator Icons

This list identifies the symbols that can display on your phone's display and Indicator area:


Displays your current signal strength. The greater the number of bars, the stronger the signal.


Indicates that the Airplane Mode is active. You cannot send or receive any calls or access online information.


There is no SIM card in the phone.


There is no network available.


Your phone is in Blocking mode.


There is a system error or alert.


The Smart stay feature is activated. The screen stays on as long as you are looking at it.


Indicates a security warning. You are prompted to set a screen lock password.


A call is in progress.


A call is on hold.


The speakerphone is on.


A call has been missed.


A call has been muted.


Call forwarding is set to Always forward. For more information, refer to *"Call Forwarding"* on page 71.


Battery charge level. Icon shown is fully charged.


The battery is charging. Also displays battery charge level.


Device Power Low – Shows your current battery only has between 15 and 28 percent power remaining.


Device Power Very Low – Shows your current battery only has between 5 and 15 percent power remaining.



Device Power Critical – Shows your current battery only has less than 5 percent power remaining and will immediately shutdown.



Your connection to an EDGE network is active.



Your phone is communicating with the EDGE network.



Your connection to a UTMS, HSDPA, HSPA, or HSPA+ network is active.



Your phone is communicating with the UTMS, HSDPA, HSPA, or HSPA+ network.



Your connection to a 4G LTE network is active.



Your phone is communicating with the 4G LTE network.



Your phone is downloading or has downloaded a file. It will blink green when it is installing.



An outbound file transfer is in progress.



A Play Store download has completed.



Updates are available for download.



The phone is connected to a computer via a supported USB cable connection.



The phone is tethered via a supported USB cable connection.



A new text or multimedia message has been received.



A new voice mail has been received.



Email has been received.



Gmail has been received.



The time and date for a Calendar Event has arrived. For more information, refer to *"Calendar"* on page 117.



An alarm is set to ring at a specified time. For more information, refer to *"Clock"* on page 118.



The Sound profile is set to Mute.



The Sound profile is set to Vibrate.



Bluetooth is activated.



A Bluetooth device has been paired with the phone.



Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).



There is a Wi-Fi access point available but your device is not connected to it. May also display if there is a communication issue with the target Wireless Access Point (WAP).



Wi-Fi Direct is active and your phone is connected to another device.



Your phone as been configured as a portable Wi-Fi hotspot.



GPS is active and acquiring a signal.



Data synchronization and application sync is active and synchronization is in progress for Gmail, Calendar, and Contacts.



Your phone is connecting to the Device Management server when you first turn on your phone.



Near Field Communication (NFC) has been activated.



Your device is connected being used to control streaming media and is connected to a Digital Living Network Alliance (DLNA) certified device using the Samsung Link application.



Your device is currently sharing/streaming media to a paired device using the Samsung Link application.



A TTY device has been inserted.



A screen capture has been taken.



The keyboard is active.



Hands-free mode is active.

Primary Shortcuts

Primary Shortcuts display at the bottom of each Home screen.

The default Primary Shortcuts are: Phone, Email, Browser, Camera, and Apps.

You can change the Phone, Email, Browser, and Camera application shortcuts to any icon that is displayed in the Apps menu.

For more information, refer to *"Adding and Removing Primary Shortcuts"* on page 31.

Other App Shortcuts

There are also other application shortcuts on the Home screen: Contacts, Messaging, Calendar, and the AT&T apps folder.

For more information, refer to *"More Application Information"* on page 34.

Application shortcuts can be added to any Home screen. For more information, refer to *"App Shortcuts"* on page 30.

Widgets

When you first turn on your phone, there are various widgets on the center Home screen. They can also appear on the Home screens to the left and right of the center Home screen.

Widgets are self-contained applications that you can place on the Home screens to access your favorite features.

Adding Widgets to a Home Screen

1. Navigate to the Home screen on which you want to place the Widget and touch **Apps**.
2. Touch the **Widgets** tab.

Note: Swipe across the screen horizontally to view all Widgets.

3. Touch and hold the widget's icon until the Home screen displays, then slide your finger where you want to place the icon and release it.

Note: There must be room on the screen where you want to place the widget, otherwise the widget will not add to the Home screen.

Removing Widgets

- Touch and hold the Widget until the **Remove** icon displays, then drag the widget to the **Remove** icon.

Note: This action does not actually delete the Widget—it just removes it from the current Home screen.

App Shortcuts

Use App Shortcuts for quick access to applications or features, such as Email or other applications.

1. Navigate to the Home screen on which you want to place the App Shortcut.
2. Touch **Apps**.

 – or –

 Touch and hold on the screen until the **Home screen** options pop-up displays and then touch **Apps and widgets**.
3. Touch the **Apps** tab.
4. Touch and hold the application icon until the Home screen displays, then slide your finger where you want to place the icon and release it.

 For more information, refer to *"Apps Screen"* on page 33.
5. Touch and hold the App Shortcut and then drag the application icon to reposition it on the Home screen.

Removing App Shortcuts

- Touch and hold the App Shortcut until **Remove** displays, then drag the App Shortcut to the **Remove** icon.

Adding and Removing Primary Shortcuts

You can change any of your Primary Shortcuts with the exception of the **Apps** shortcut.

1. Press **Home** to activate the main Home screen.
2. Touch and hold the Primary Shortcut until **Remove** displays, then drag the Primary Shortcut to the **Remove** icon.
3. Touch **Apps** and scroll through the App menu to find the shortcut you want to add as the new Primary Shortcut.
4. Touch and hold the new shortcut, and then drag it to the empty space in the row of Primary Shortcuts.

 The new Primary Shortcut displays on all Home screens.

Folders

Place Folders on a Home screen to organize items together.

Adding Folders

To create a folder on a Home page:

1. Navigate to the desired Home screen.
2. Touch and hold on the screen until the **Home screen** pop-up displays and then touch **Folder**.

 The Create folder pop-up displays.
3. Touch the **Unnamed folder** field and enter a name for the folder.

Managing Folders

To rename a folder:

- Touch the folder, touch the current name, and use the keyboard to enter a new name for the folder.

To add an App shortcut to a folder:

1. Add the App shortcut to the Home screen that the folder is on.
2. Touch and hold the App shortcut, drag it to the folder, and drop it.

To remove an App shortcut from a folder:

1. Touch the folder to view the contents.
2. Touch the App shortcut, drag it out of the folder, and drop it on the Home screen.

Removing a Folder

- Touch and hold the folder until the **Remove** icon displays, then drag the folder to the **Remove** icon.

Note: Any App shortcuts in the folder are also removed.

Wallpapers

You can choose a picture to display on the Home Screen, Lock screen, or on both the Home and Lock screens. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

1. From a Home screen, touch and hold on the screen.
2. Touch **Set wallpaper**.
3. Touch **Home screen**, **Lock screen**, or **Home and lock screens**.

 The **Select wallpaper from** pop-up displays the following options:

 - **Gallery**: Access the Gallery to select a photo.
 - **Live wallpapers**: Choose from pre-loaded interactive animated wallpapers (Home screen only).
 - **Photos**: Choose a photo from your Google Photos account.
 - **Travel wallpaper**: Display destinations from around the world (Lock screen only).
 - **Wallpapers**: Choose from pre-loaded wallpaper images.

Apps Screen

The **Apps** screen displays all applications installed on your wireless device. Applications that you download and install from Google Play or from the web are also added to a Home screen.

The Apps icons can be arranged in various ways. To change the arrangement of the Apps icons:

1. From a Home screen, touch **Apps**.
2. Touch **Menu** ➔ **View type**.
3. Touch **Customizable grid**, **Alphabetical grid**, or **Alphabetical list**.

To manually change the order of the icons on the Apps screen:

1. From a Home screen, touch **Apps**.
2. Touch **Menu** ➔ **Edit**.
3. Touch and hold an icon and drag it to a new position.

You can place shortcuts to applications on the Home screen for quick access to the application. For more information, refer to *"App Shortcuts"* on page 30.

To view your downloaded applications:

1. From a Home screen, touch **Apps**.
2. Touch **Downloaded applications** to view downloaded apps.
3. Touch an icon on the **Downloaded applications** screen to launch the application.

 – or –

 Add an App Shortcut to a Home screen by dragging the App icon onto the Home Screen. For more information, refer to *"App Shortcuts"* on page 30.

Application Information

To view information about an App, such as the amount of storage it uses, force the App to stop, uninstall updates, and clear data:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **More** ➔ **Application manager**.
2. Touch the **ALL** tab, scroll through the apps list, and touch the app to open a screen with details about the App.

More Application Information

For more information, refer to *"Applications"* on page 105.

In that section, each application that is available on the Applications screen is listed and described. If the application is also described in another section of this user manual, then a cross reference to that particular section is provided.

Navigating Through the Home Screens

Your phone originally has three home screens, but you can expand up to seven home screens. If you like, you can place different applications on each of the home screens.

- From the main Home screen, sweep the screen with your finger in either direction. The main Home Screen is located in the middle with a Home screen on each side.

Navigating Through the Apps Screens

Your phone initially has four Apps screens available. To navigate through the Apps screens:

1. From a Home screen, touch **Apps**.

 The first Apps screen displays.

2. Sweep the screen left or right to access the other three screens.
3. Touch an app icon to launch the app.

Note: As you add apps, the number of Application menus that you have available will increase.

Navigating Using Sub-Menus

Sub-menus are available when you are at any Home screen or have selected a feature or application such as Phone, Contacts, Messaging, or Browser.

To access a sub-menu:

1. Touch **Menu**.
2. Touch an option.

Smart Screen

With Smart screen activated your phone automatically adjusts screen time-out and rotation when it detects you are looking at the screen.

Smart screen features include:

- **Smart stay**: The screen does not time out as long as you are looking at it.

Smart screen uses the front camera to detect when you are facing the screen. Some factors may affect the ability of the front camera to detect your face:

- When the phone is not docked or held upright. For example, when placed on a table.
- When the front camera cannot detect your face and eyes.
- When the front camera is used for the current application.
- When the light source is behind you or when using the phone in the dark.

Configure Smart Screen

To enable Smart screen features:

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **My device** ➔ **My device** ➔ **Smart screen**.

For more information, refer to *"Smart Screen"* on page 175.

Pop-Up Video

Multitask with Pop-Up Video by transforming your video player into a pop-up window floating on the screen. The video continues to play, and the pop-up window can be resized or moved anywhere on the screen.

To use Pop-Up Video:

- While watching a video, touch the **Pop-Up Video** icon in the lower right corner of the screen.

Entering Text

This section describes how to select the desired text input method when entering characters into your phone. This section also describes the predictive text entry system that reduces the amount of key strokes associated with entering text.

Your phone comes equipped with an orientation detector that can tell if the phone is being held in an upright (Portrait) or sideways (Landscape) orientation. This is useful when entering text.

Text Input Methods

There are three text input methods available:

- **Samsung keyboard (default)**: Samsung's onscreen QWERTY keyboard that can be used in both portrait and landscape orientation.
- **Swype**: Instead of touching each key to enter text, use your finger to trace over each letter of a word.
- **Google voice typing**: Enter text by speaking.

To change the input method, see *"Keyboards and Input Methods"* on page 169

To choose a text input method while entering text:

1. Touch the top of the screen and swipe downward.

 The Notification Panel displays.

2. Touch  **Select input method**.

 The Select input method pop-up displays.

3. Touch an input method to activate it.

For more information, refer to *"Keyboards and Input Methods"* on page 169.

Using the Samsung Keyboard

The Samsung keyboard is a custom virtual QWERTY keyboard, featuring optional predictive text. Input characters by touching the onscreen keys with your finger or use speech recognition.

You can enable predictive text, to have the Samsung keyboard match your key touches to common words and display them. The Personalization option learns from Gmail, Facebook, and Twitter. Log into these applications to enable the Samsung keyboard to learn from your text input.

Configuring the Samsung Keyboard

You can configure the Samsung keyboard to your preferences. While entering text:

- Touch and hold **Options** on the keyboard and then select **Settings** in the pop-up menu.

 The Samsung keyboard settings screen displays.

For more information, refer to *"Samsung Keyboard"* on page 170.

Entering Upper and Lower Case Letters

The default case is lower case (abc). Enter upper and lower case alphabet letters by touching the Shift key to toggle the case, before touching the letter keys.

- Touch once to switch from abc to Abc mode.
- Touch twice to switch to ABC mode. When ABC mode is enabled, the Shift key background turns blue.

Entering Symbols and Numbers

The number keys are displayed at the top of the keyboard and are always available.

To enter common symbols, touch to switch to symbol mode, then touch the corresponding key.

There are three pages of symbols. Touch 1/3 to switch to the next page.

Touch and hold a vowel key (A, E, I, O, U, or Y) or the C, N, or S key to open a small window where you can chose an accented vowel or other alternate letter. Slide to the letter until it is highlighted, and release.

Touch and hold the Period key (.) to open a small window with a set of common symbols.

Using Predictive Text

By using Predictive text, you can have next-letter prediction and regional error correction, which compensates for touching the wrong keys on the QWERTY keyboard.

Note: Enable Predictive text in Samsung keyboard settings. For more information, refer to *"Samsung Keyboard"* on page 170.

While entering characters, potential word matches display in the Predictive text area above the keyboard.

- Touch a word to insert it into your text.

Tip: Touch to display more words.

Note: Predictive Text mode is available for landscape or portrait orientation.

Using Google Voice Typing from the Samsung Keyboard

When you enable the Google voice typing setting, you can use your voice to enter text instead of the keyboard.

For more information about enabling Voice input, see *"Using Google Voice Typing"* on page 40.

Editing Text

You can edit the text you enter in text fields by cutting, copying, or pasting text. These operations can be performed within and across apps. However, some apps do not support editing some or all of the text displayed while others may offer their own way to select text.

Editing Existing Text

To edit text that you have entered:

1. Touch the text at the point you want to edit.

 The **Cursor** displays at the point you touched.

2. Touch and drag the **Cursor** to a better position, if necessary.

3. Enter additional text or delete text by repeatedly touching the **Delete** key.

Copying, Deleting, or Replacing Text

To select and copy, delete, or replace text:

1. Touch and hold the text or word you want to select.

 The selected text is highlighted with a tab at each end of the selection.

2. Touch and drag either tab to select more or less text.

Tip: Touch **Select all** in the pop-up to select all text in the field. Touch on another area of the screen to deselect the text.

3. Depending on the action you want to take for the selected text, in the pop-up touch:
 - **Select all** to highlight all text in the field.
 - **Cut** to remove the selected text.
 - **Copy** to save the selected text to the clipboard.
 - **Paste** to paste previously copied text.
 - **Clipboard** to display the text saved to the clipboard.
 - **Translate** to translate the highlighted word. For more information, refer to *"S Translator"* on page 137.

– or –

Enter text by typing or speaking to replace the selection with what you type.

– or –

Touch the **Delete** key to delete the selected text.

Pasting Text

To paste previously copied text:

1. Touch the text at the point you want to paste the copied text.

 The **Cursor** displays at the point you touched.

2. Touch the Cursor.
3. Touch **Paste** in the pop-up.

To paste text directly from the clipboard:

1. Touch and hold **Options** on the keyboard and then select from the pop-up menu to display the text saved to the clipboard.
2. Touch a text block to paste that text where the **Cursor** is positioned.

Closing the Keyboard

To close the keyboard:

- Touch **Back** to close the keyboard.

Using Google Voice Typing

You can use your voice to enter text using the Google Voice typing feature.

Note: Make sure Google Voice Typing is enabled. For more information, refer to *"Keyboards and Input Methods"* on page 169.

While entering text:

1. Touch **Options** on the keyboard.

 For more information, refer to *"Samsung Keyboard"* on page 170.

2. At the **Tap to speak** prompt, touch and speak clearly and distinctly into the microphone.

 The software converts your voice to text, which displays in the message.

3. Keep speaking to add more text.

4. Touch to display the Samsung keyboard.

Note: The feature works best when you break your message down into smaller segments.

Entering Text Using Swype

Swype is a text input method that makes it possible to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words. Swype uses error correcting algorithms and a language model to predict the next word. Swype also includes a touch predictive text system.

Enabling and Configuring Swype

To enable the Swype keyboard while entering text:

1. Touch the top of the screen and swipe downward, to display the Notification Panel.
2. Touch **Select input method**.
3. Touch **Swype**.

 The Swype keyboard displays.

Swype Tips

The following example shows how to enter the word “this”. Put your finger down on the “t” and, without lifting, glide it to the “h”, then to the “i”, then over to the “s”.



Here are a few tips to get you started:

- **Auto-spacing**: When you finish a word, just lift your finger and start the next word.
- **Double letters**: Just “scribble” on the key.
- **Auto-capitalization**: Swype recognizes and capitalizes the first word of sentences. If you want to capitalize a word that is not at the beginning of a sentence, just glide above the keyboard before gliding over the next letter.
- **Contractions**: Swype recognizes most words that include an apostrophe, just swype the letters of the word, including the apostrophe.
- **Punctuation**: Touch and hold a key to view a punctuation menu and make a selection.
- **Accented characters**: Just glide through the letters of the word. Swype usually recognizes the word and correctly accents the letters.
- **Error correction**: If you make a mistake, double-tap on the word you want to change.

Swype Settings

To configure Swype to your preferences.

- While entering text, touch and hold the **Swype Key** to display the Settings screen.

 For more information, refer to *"Swype"* on page 172.

Swype Help

While entering text, you can get information about Swype.

1. Touch and hold the **Swype Key** to access the Swype options menu.
2. Touch **Help** ➔ **How to Swype**.

 The Swype tutorial displays.

Section 3: Contacts and Your Address Book

This section explains how to manage your daily contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group.

Your Address Book

You can store phone numbers and their corresponding names onto your SIM card and phone's onboard memory. The two locations are physically separate, but are used as a single entity called the *Address Book*.

Depending on your particular SIM card, the maximum number of phone numbers the SIM card can store and how they are stored may differ.

AT&T Address Book Activation

When you access the AT&T Address Book, the network backup service, contacts are automatically synchronized between your phone and online address book. The changes you make are automatically saved and, if you ever upgrade, damage, or lose your phone, you can easily restore your contacts onto your new phone.

To activate the AT&T Address Book:

1. From the main Home screen, touch **Contacts**.

 – or –

 From a Home screen, touch **Apps** ➔ **Contacts**.

 – or –

 From a Home screen, touch **Phone** ➔ **Contacts**.

 Your Address Book is displayed.

2. If you have not synchronized your phone with your online AT&T Address Book recently, the **AT&T Address Book** screen is displayed. If you want to synchronize your Address Book, touch **Yes**.
3. Follow the onscreen instructions.
4. At the **Your AT&T Address Book is Ready for Use** prompt, touch **OK**.

 Your Contact list is displayed.

Your AT&T Address Book is Ready to Use. You can now make a call or send a message through your Address Book.

You can also manage your Address Book on the web at www.att.com/addressbook.

Synchronizing Your AT&T Address Book

If you ever upgrade, damage, or lose your phone, you can easily restore your contacts onto your new phone by following these steps:

1. Touch **Contacts**.
2. Touch **Menu** ➔ **Settings** ➔ **AT&T Address Book**.
3. At the AT&T Address Book screen, touch **OK** to synchronize your phone with your online Address Book.
4. If there are existing contacts on your phone, you will be prompted whether you would like to remove them first. Touch **Yes** or **No**.

Note: You must first copy any contacts that exist on your SIM card to your phone. For more information, refer to *"Copying Contacts to the Phone"* on page 55.

Your phone is synchronized and your Contact list displays.

Adding a New Contact

Use the following procedure to add a new contact to your Address Book.

Use the following procedure to add a new contact:

1. Touch **Contacts** ➔ **Create.**
2. At the top of the screen, touch , and then touch **Device**, **SIM**, or an account, depending on where you want to store the new contact.
3. Touch the Contact image to choose a picture to identify the contact.
4. Touch contact fields to display the keyboard and enter information:
 - Some fields have preset values. Touch the field and touch the desired value. For example, touch the Label tab and touch a label for the field.
 - Other fields have to be input. Touch the field and use the on-screen keyboard to input information.
 - Touching the check box next to some fields may make additional fields available.
 - Touch to add additional fields.Touch to remove an unused field. Also, touch **Add another field** to add other fields.
 - Touch the screen and swipe up or down to display additional fields or touch **Next** on the keyboard to move to the next field.
5. When you finish entering information, touch **Save**.

Tip: Display a contact's record and touch the **Email** field to send an email, the **Address** field to display the address on a map, or the **Website** field to link to the website.

Adding Pauses to Contact Numbers

When you call automated systems, you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called pauses and waits. A pause stops the calling sequence for two seconds and a wait pauses the calling sequence until you enter a number or touch a key.

To add a pause or a wait to an existing Contact:

1. Touch **Contacts**.
2. Touch the name or number to open the Contact.
3. Touch **Edit** to edit.
 - Touch the phone number field.
 - Touch the screen at the position where the pause or wait needs to be added.
 - Touch Sym.
 - Touch **Pause(,)** to add a two-second pause or touch **Wait(;)** to add a wait. A pause displays as a **,** (comma) and a wait displays as a **;** (semi-colon).
 - Touch 123 to enter the additional numbers
4. Touch **Save** to save your changes.

Updating Contacts

To update an existing contact:

1. Touch **Contacts**.
2. Touch a contact in the Contacts list to view its information.
3. Touch **Edit**.
4. Continue entering contact information. For more information, refer to *"Adding a New Contact"* on page 45.

Using Contacts

Dialing or Messaging from Address Book

Once you have stored phone numbers in the Address Book, you can call those contacts easily and quickly by either using their phone number or by using the Search field to locate a contact entry.

You can also send messages from the Address book.

Finding an Address Book Entry

To find an Address Book entry:

1. Touch **Contacts**.
2. Within the Contacts list (sorted alphabetically), touch a letter on the right side of the display to quickly jump to the contacts beginning with that letter.
3. Touch the contact you want to call or message.
4. To make a phone call, touch the phone icon.

 – or –

 To send a message, touch the message icon.

 For more information, refer to *"Creating and Sending Messages"* on page 74.

Tip: From the Contact list, swipe right over a listing to make a call. Swipe left over a listing to send a message.

Linking Contacts

Linking Contact Information

Your device can synchronize with multiple accounts, including Google, Corporate, and other providers, plus social networking sites like Facebook. When you synchronize contacts from these accounts with your device, you may have multiple contacts for one person.

Link contact records to see all the contact's numbers and addresses together. Linking also helps you keep your contacts updated because any changes to information in the respective accounts is automatically updated the next time you synchronize with the account.

The next time you synchronize your phone with your accounts, any updates that contacts make to email account names, email addresses, and so on, automatically update in your contacts list.

For more information about synchronizing accounts, see *"Synchronizing Accounts"* on page 49.

To link Contacts:

1. Touch **Contacts**.
2. Touch a contact name that you want to link to another contact entry.

 Note: Typically this is the same contact with a different name or account information.
3. Touch **Menu** ➔ **Link contact**.

 The contact list displays.

Note: Only contacts stored on your phone can be linked.

4. Touch the second contact entry that you want to link with the first contact entry.

 The second contact is now linked with the first contact and the account information is merged into one screen.

Note: When you link the contacts, the information is still maintained in both entries, but displays in one record for easier viewing.

5. Touch in the **Connection** section to view the linked contact information. The location of the contact, such as Device or SIM, displays along with the contact's name.

Unlinking Contacts

1. Touch **Contacts**.
2. Touch the linked contact name.

 In the **Connection** section, various icons show how many contacts are linked in this record.
3. Touch in the **Connection** section to display the linked contacts list.
4. Touch next to a contact to remove it from the linked contact record.
5. At the **Separate contact** prompt, touch **OK**. The contact is now separated and no longer displays in the merged record screen.

Marking a Contact as Default

When you use messaging type applications, the application needs to know which information is primary (default) in a contact entry list. For example, you may have three different contact records for John Smith, so the application will be looking for the "default" number or entry.

1. Touch **Contacts**.
2. Touch a Contact name.
3. Touch **Menu** ➔ **Mark as default**.

 The Mark as default screen displays radio buttons next to the contact names or phone numbers of all the linked contacts. The radio button next to the default contact will be green.
4. To change the default contact, touch the radio button next to another entry that you want to be the default. The radio button turns green.
5. Touch **Done**.

Synchronizing Accounts

From the Accounts menu you decide whether you want applications to synchronize, send, and receive data at any given time, or if you want the applications to synchronize automatically.

1. Touch **Contacts**.
2. Touch **Menu** ➔ **Accounts**.

 If you have previously added any accounts, the **Sync settings** screen displays with your current accounts listed.
3. Touch an account that you would like to synchronize.
4. At the **Sync settings** screen, touch the options that you would like to synchronize for that account.
5. Touch **Sync now** to synchronize the account.
6. Touch **Back** to return to the Contacts list.

Note: You can also synchronize your accounts using the Settings menu. For more information, refer to *"Synchronizing Accounts"* on page 176.

Address Book Options

You can access Address Book options while at the main Contacts page or while in the details screen for a specific entry.

Options in Address Book

- Touch **Contacts** → **Menu** for options:
 - **Delete:** Delete one or more contacts.
 - **SIM Management**: Copy contacts from your phone to your SIM card or from your SIM card to your phone. You can also delete contacts from your SIM.
 - **Import/Export**: Move contacts to or from your memory card or USB storage.
 - **Share namecard via**: Send one or more contact's information by using Bluetooth, ChatON, Drive, Email, Gmail, Messaging, or Wi-Fi Direct.
 - **Accounts**: Display the accounts set up on your phone. Touch **Add account** to add additional accounts or touch an existing account to manage sync settings.
 - **Speed dial setting**: Set up speed-dialing. For more information, refer to *"Making a Call Using Speed Dial"* on page 61.
 - **Send message/email**: Send a text message or an email to one or more contacts.
 - **Contacts to display**: You can choose to display all of your contacts or only display contacts on your Device, SIM, or contacts stored to other accounts. You can also touch Customized list to change other options on how your contacts are displayed.
 - **Settings**: Displays options for viewing contacts:
 - **Only contacts with phones**: Only display contacts that have phone numbers.
 - **List by**: List contacts by First name or Last name.
 - **Display contacts by**: Display contacts by First name first or Last name first.
 - **Service numbers**: Display or edit your service numbers.
 - **Contact sharing settings**: Touch **Settings** to specify how contacts are transferred to another device, either as a full group or individually.
 - **AT&T Address Book**: Access the AT&T Address Book so you can sync your contacts.

Contact Options

1. Touch **Contacts**.
2. Touch a contact and at the contact's display screen, touch **Menu**.
3. The following options are displayed:
 - **History**: View the phone and message history for the contact.
 - **Edit**: Edit the contact's information.
 - **Delete**: Delete the contact from your Address Book.
 - **Link contact**: Link contacts with other contacts.
 - **Separate contact**: Separate contacts that have been linked. This option only appears if the contact has been linked.
 - **Mark as default**: When you have multiple contacts linked together, you can mark one of them as default (only displays when contact is saved to the phone). For more information, refer to *"Marking a Contact as Default"* on page 49.
 - **Assign speed dial**: Assign this contact to your speed dial list. For more information, refer to *"Making a Call Using Speed Dial"* on page 61.
 - **Share namecard via**: Send the contact's information by using Bluetooth, ChatON, Drive, Email, Gmail, Messaging, or Wi-Fi Direct.
 - **Add to/Remove from reject list**: Add or remove the contact from your reject list. If they call while being on the reject list, the call will be sent directly to voice mail.
 - **Add shortcut to home**: Place a shortcut for this contact on your Home screen.

Groups

Assign contacts to Groups to make searching for contacts faster or to quickly call or send messages to group members. There are several default groups that are predefined, which you can use to add your contacts, or you can create new groups.

Creating a New Group

1. Touch **Contacts** ➔ **Groups** ➔ **Menu** ➔ **Create**.
2. Touch the **Group name** field and enter a new group name.
3. Touch **Group ringtone** to choose a ringtone for assignment to this new group. Touch a ringtone to hear how it sounds, then touch **OK**.

 – or –

 Touch **Add** to select a ringtone from your music files.
4. Touch **Message alert** to choose an alert tone for assignment to this new group, then touch **OK**.
5. Touch **Vibration pattern** to choose a vibration audio file for assignment to this new group, then touch **OK**.

 – or –

 Touch **Create** and follow the onscreen instructions to create your own vibration pattern.
6. Touch **Add member** to add contacts to the new group.
7. Touch each contact you want to add to create a check mark. You can also touch **Select all**.

 Touch **Done** to add the members.
8. Touch **Save** to save the new contact Group.

Adding Contacts to a Group

1. Touch **Contacts** ➔ **Groups**.
2. Touch a group entry.
3. Touch **Add** to add to a member to the group.
4. Touch contacts to add to the group or touch **Select all**.
5. Touch **Done**. The contacts are added to the group.

Removing a Contact from a Group

1. Touch **Contacts** ➔ **Groups**.
2. Touch a group entry.
3. Touch **Menu** ➔ **Remove member**.
4. Touch contacts you want to remove from this group or touch **Select all**.
5. Touch **Done**. The contacts are removed from the group.

Editing a Group

To edit a Group entry, there must be at least one member as part of the selected group.

1. Touch **Contacts** ➔ **Groups**.
2. Touch a group entry.
3. Touch **Menu** ➔ **Edit group**.
4. Make modifications to the **Group name**, **Group ringtone**, **Message alert**, or **Vibration pattern** fields.
5. Touch **Add member** to add more contacts to this group. Touch **Done** to add the members.
6. Touch **Save** to save the edited contact Group.

Deleting a Group

1. Touch **Contacts** ➔ **Groups**.
2. Touch **Menu** ➔ **Delete groups**.
3. Touch each group that you want to remove or touch **Select all**. (You cannot delete default groups.)
4. Touch **Delete**, then choose **Group only** or **Group and group members**, and touch **OK**.

Sending a Message to Group Members

Create a new text or email message, addressed to a group's members.

1. Touch **Contacts** ➔ **Groups**.
2. Touch a Group to display it.
3. Touch **Menu** ➔ **Send message** or **Send email**.
4. Touch contacts to mark them as recipients for the new message or touch **Select all**, and then touch **Done**.

 The new message opens with the marked contacts as recipients. Continue creating the message, as desired. For more information, see *"Creating and Sending Messages"* on page 74, or see *"Email"* on page 79.

Address Book Favorites

Mark contacts with a gold star to identify them as Favorites.

Favorites display on the Favorites tab in the Phone and Contacts apps for fast dialing or messaging, and are indicated by the ★.

To view your Favorites list:

- Touch **Contacts** ➔ **Favorites**.

Adding Favorites

1. Touch **Contacts** ➔ **Favorites**.
2. Touch **Menu** ➔ **Add to favorites**.
3. Touch contacts to mark them as favorites or touch **Select all**, and then touch **Done**.

 A gold star displays next to the contact in the Address Book.

Tip: To mark one contact as a favorite, touch **Contacts**, touch the contact, and then touch the star in the upper right corner of contact screen so that it turns gold ★.

Removing Favorites

1. Touch **Contacts** ➔ **Favorites**.
2. Touch **Menu** ➔ **Remove from favorites**.
3. Touch contacts to mark them for removal or touch **Select all**, and then touch **Done**.

 The gold star no longer displays next to the removed contacts in the Address Book.

Managing Address Book Contacts

You can copy, delete, and view the memory status for the Phone and SIM contacts on your phone.

Copying Contacts to the SIM Card

Note: When storing an Address Book entry into the SIM card, only the name, phone number, and email address are available as fields. Also, if you move the SIM card to another phone that does not support additional fields on the SIM card, this additional information may not be available.

1. Touch **Contacts** ➔ **Menu** ➔ **SIM Management**.
2. Touch **Copy contacts to SIM**. A list of your current phone contacts displays.
3. Touch contacts to mark them to be copied or touch **Select all**.
4. Touch **Done** to copy.
5. At the **Copy to SIM** display, touch **OK**.

Copying Contacts to the Phone

1. Touch **Contacts** ➔ **Menu** ➔ **SIM Management**.
2. Touch **Copy contacts from SIM**.
3. At the **Create contact under account** prompt, touch **Device** or an account name to which you would like to copy the contact. A list of contacts stored on your SIM card displays.
4. Touch contacts to mark them to be copied or touch **Select all**.
5. Touch **Done** to copy.

Deleting Contacts from the SIM Card

1. Touch **Contacts** ➔ **Menu** ➔ **SIM Management**.
2. Touch **Delete contacts from SIM**.

 A list of contacts stored on your SIM card displays.
3. Touch contacts to mark them to be deleted or touch **Select all**.
4. Touch **Delete**.

 The Delete contacts from SIM pop-up displays the number of contacts that will be deleted from your SIM card.
5. Touch **OK**.

Deleting Contact Entries from the Phone

You can delete Phone or SIM entries from your phone's memory.

1. Touch **Contacts**.
2. Touch and hold a contact that you want to delete, then select **Delete** in the pop-up menu.

Note: Deleting contacts that are saved under an account will be deleted from the account, if sync is turned on.

3. At the Delete contact prompt, touch **OK** to delete the contact or **Cancel** to exit.

Speed Dials

Speed dials are 1-, 2-, or 3-digit shortcuts (1 to 100) you assign to contacts, to allow you to quickly call the contact.

For more information about calling using speed dials, see *"Making a Call Using Speed Dial"* on page 61.

Note: Speed dial 1 is reserved for Voicemail by default, and cannot be assigned.

Assigning Speed Dials

1. Touch **Contacts**.
2. Touch **Menu** ➔ **Speed dial setting**. A list of speed dials displays.
3. Touch a **Not assigned** speed dial field, then touch a contact to assign the contact to the speed dial location.

Removing or Reassigning a Speed Dial

1. Touch **Contacts**.
2. Touch **Menu** ➔ **Speed dial setting**.
3. Touch **Menu**, then touch an option:
 - **Change order**: Touch an assigned speed dial, then touch a new speed dial location to change the order.
 - **Remove**: Touch a speed dial to remove it.

Using the Service Dialing Numbers

You can view the list of Service Dialing Numbers (SDN) assigned by your service provider. These numbers may include emergency numbers, customer service numbers, and directory inquiries.

1. Touch **Contacts**.
2. Touch **Menu** ➔ **Settings** ➔ **Service numbers**.
3. Scroll through the available numbers.
4. Touch a number and the call is made.

Note: This menu is available only when your SIM card supports Service Dialing Numbers.

Section 4: Call Functions

This section describes how to make or answer a call. It also includes the features and functionality associated with making or answering a call.

For more information, refer to *"Call"* on page 160.

Displaying Your Phone Number

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **More** ➔ **About device** ➔ **Status**.

 Your phone number displays in the **My phone number** field.

Phone

Use the Phone app to access the phone Keypad, Recent calls, Favorites, and Contacts.

There are two ways to access Phone:

- From a Home screen or **Apps**, touch **Phone**.

 – or –

 From a Home screen, touch **Contacts** ➔ **Phone**.

Making a Call

1. From a Home screen, touch **Phone** and enter the number you want to dial.
2. Touch **Call** to make the call.

Note: When you activate the **Auto redial** option in the Call settings, the phone automatically redials up to 10 times when the person does not answer the call or is already on the phone. For more information, see **Auto redial** on page 162.

Making an International Call

1. Touch **Phone**, then touch and hold 0 +. The **+** character appears.
2. Use the onscreen keypad to enter the country code, area code, and phone number.
 - If you make a mistake, touch until the desired numbers have been deleted. Touch and hold to erase the entire string of numbers.
3. Touch **Call** to make the call.

Manual Pause Dialing

To manually call a number with pauses without storing them in your Contacts list:

1. Touch **Phone** and enter the phone number.
2. Touch **Menu** to display the dialer sub-menu.
3. Touch **Add 3-sec pause** to add a three second pause, and use the keypad to enter the additional numbers.

Tip: You can create pauses longer than three seconds by entering multiple three second pauses.

4. Touch **Menu** ➔ **Add wait** to add a wait. A wait will pause the calling sequence until you enter a number or touch a key.
5. Touch **Call** to make the call.

For more information, refer to *"Adding Pauses to Contact Numbers"* on page 46.

Correcting an Entered Number

Use the following steps to correct a mis-typed entry when dialing.

- After entering a number using the keypad:
 - If you make a mistake, touch to erase a single character.
 - Touch and hold to erase the entire string of numbers.

Ending a Call

To end a call:

- Touch **End call**.

Dialing a Recent Number

All incoming, outgoing and missed calls are recorded in the **Call log**. If the number or caller is listed in your Address Book, the associated name is also displayed.

1. Touch **Phone**.
2. Touch **Logs**. A list of recent calls displays.
3. Touch the desired Contact to enter the **Details** page, then touch **Call** to make a call.

Making Emergency Calls

If you do not have a SIM card installed the first time you turn on the phone, the **Insert SIM card to make calls** message displays and an animated tutorial shows you how to install the SIM card.

Without a SIM card, you can only make an emergency call with the phone. Normal cell phone service is not available.

Making an Emergency Call without a SIM Card

1. Touch **Emergency call** from the onscreen display to make an emergency call.
2. Enter 9-1-1 and touch **Call**. Complete your call. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.
3. Touch **End call** to exit this calling mode.

Making an Emergency Call with a SIM Card

The Emergency calling mode makes redialing an emergency number a 1-touch process. Before you can resume normal calling operations, you should first exit this mode.

1. Touch **Phone**.
2. Enter the emergency number (example: 911) and then touch **Call**.
3. Complete your call. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.

Note: This mode can drain your battery power more rapidly than normal calling mode.

Making a Call Using Speed Dial

You can assign a shortcut number to a phone number in your Contacts List for speed dialing.

1. From a Home screen, touch **Apps** ➔ **Contacts** to display your Contacts List.
2. Touch **Menu** ➔ **Speed dial setting**. The **Speed dial setting** screen displays showing the numbers 1 through 100. The number 1 is reserved for Voicemail.
3. Touch an unused number.
4. Touch a contact to assign to the number.

To remove a speed dial number or change the order:

1. From the Speed dial setting screen, touch **Menu**.
2. In the pop-up menu, touch **Change order** or **Remove**.

To make a call using Speed Dial:

1. Touch **Phone**.
2. Touch **Keypad**, if necessary.
3. Touch and hold the speed dial number.

 If the speed dial number is more than 1 digit long, enter the first digits, then hold the last digit.

Making a Call from the Address Book

You can store phone numbers that you use regularly on the SIM card or in the phone's memory. These entries are collectively called the **Address Book**.

For further details about the **Address Book** feature, see *"Finding an Address Book Entry"* on page 47.

Answering a Call

You can answer incoming calls when the device is locked or unlocked. When you receive a call, an incoming call screen displays. The caller's phone number or name is displayed, if stored in the Address Book.

To answer the call:

- Touch and drag in any direction.

To reject the call and send it to your voicemail:

- Touch and drag in any direction.

To reject the call with a message:

- Touch and drag the **Reject call with message** tab upward.
 - Touch a predefined text message to send to the caller.

 – or –
 - Touch **Create new message** to compose a new message.

To end the call:

- Touch **End call**.

Note: You can answer a call while using the Address Book or other functions. After ending the call, the phone returns to the previously active function screen.

Dialing Options

From a Home screen or the Apps menu, you have the option to access the Dialer and initiate a call:

- Touch **Phone** ➔ **Keypad**, if necessary.

From the Dialer and the Contacts screen, the following tabs are located at the top of the screen:

- **Keypad**: Dial the current number entered using the onscreen keypad.
- **Logs**: Display a list of all dialed, received, and missed calls.
- **Favorites**: Display your contacts that you have marked as Favorites.
- **Contacts**: Go to your Address Book where you can select a contact to call.

After you begin to enter numbers:

- Touch **Menu** ➔ **Add to Contacts** to save the Contact, if needed.

 – or –

 Touch **Add to Contacts**, which appears below the numbers that you are typing.

Call Log

The phone stores the numbers of the calls you have dialed, received, or missed in the Call log. The Call log displays the details of the call.

1. Touch **Phone**.
2. Touch **Logs**.

 A list of recent calls displays. If the number or caller is listed in your Address Book, the associated name displays.

All calls made, received, and missed are listed. Types of calls are identified by the following icons:

- **Incoming Calls**:
- **Outgoing Calls**:
- **Missed Calls**:
- **Rejected Calls**:
- **Auto Rejected Calls**:

Viewing Missed Calls from the Lock Screen

Calls you have missed display on the Lock screen.

- Touch the missed call number to display the Call log. The Call log displays. Missed calls are identified by the icon next to the number.

Note: If there is a voicemail sent by the same number, associated icons are displayed and can then be selected.

Calling or Messaging a Missed Call

1. Touch **Phone** ➔ **Logs**. A list of recent calls displays. If the number or caller is listed in your Address Book, the associated name displays.
2. Swipe the desired missed call to the right to call.

 – or –

 Swipe the desired missed call to the left to message.

 For more information, refer to *"Creating and Sending Messages"* on page 74.

Saving a Recent Call to Your Address Book

1. Touch **Phone** ➔ **Logs**.
2. Touch the call you want to save to your Address Book.
3. Touch **Create contact** to add the call to your Address Book.

 – or –

 If you want to replace the number for an existing contact, touch **Update existing**.
4. Enter information into the various fields using the keyboard.
5. Touch **Save** to save when you are finished.

For further details about the Address Book feature, see *"Adding a New Contact"* on page 45.

Deleting a Call Log Entry

1. Touch **Phone** ➔ **Logs**.
2. Touch and hold the call you want to delete from the Call log.
3. Touch **Delete**.
4. At the Delete log prompt, touch **Delete**. The call is deleted from the Call log.

Adding a Call to the Reject List

1. Touch **Phone** ➔ **Logs**.
2. Touch and hold the call you want to add to the Reject List.
3. Touch **Add to reject list**.
4. At the Add to reject list prompt, touch **OK**.

 Future calls from this number will be rejected and sent to your voicemail.

Tip: Once a number has been added to the Reject list, **Remove from reject list** displays and can be used to remove the number.

Call Duration

1. Touch **Phone** ➔ **Logs**.
2. Touch **Menu** ➔ **Call duration**.

 The following times are displayed for Voice and Data:

 - **Last call**: The length of time for the last call.
 - **Dialed calls**: The total length of time for all calls made.
 - **Received calls**: The total length of time for all calls received.
 - **All calls**: The total length of time for all calls made and received.
3. To reset these times to zero, touch **Menu** ➔ **Reset**.

Options During a Call

Your phone provides a number of control functions that you can use during a call.

Adjusting the Call Volume

During a call, to adjust the volume, use the **Volume** keys on the left side of the phone.

- Press the **Up** volume key to increase the volume level and press the **Down** volume key to decrease the volume level.

 – or –

 Quickly add more volume to the incoming audio by touching the onscreen **Extra volume** button .

From a Home screen, you can also adjust the ringer volume using these same keys.

In-Call Options

During an active call there are several functions available by touching a corresponding onscreen button.

- **Hold**: Place the current active call on hold.
- **Add call**: Display the dialer so you can call another person.
- **Keypad**: Display the onscreen keypad, where you can enter a number using DTMF (Dual Tone Multi-Frequency).
- **End call**: Terminate the call.
- **Speaker**: Route the phone's audio through either the speaker or through the earpiece.
 - Touch **Speaker** to route the audio through the speaker. (You can adjust the speaker volume using the volume keys.) A green line appears under the Speaker button.
 - Touch **Speaker** again to use the phone's earpiece (see *"Using the Speakerphone During an Active Call"* on page 70). The green line disappears when Speaker is not activated.
- **Mute/Unmute**: Turn the microphone on or off.
 - Touch **Mute** during a call to mute the microphone. A green line appears under the Mute button.
 - Touch **Mute** again to unmute the microphone. The green line disappears when Mute is not activated.
- **Headset**: Connect to a Bluetooth headset.
 - Touch **Headset** during a call to activate a Bluetooth headset. A green line appears under the Headset button.
 - Touch **Headset** again to de-activate the Bluetooth headset. The green line disappears when the Headset is not activated.
- Touch **Menu** for more options:
 - **Contacts**: Go to your Contact list.
 - **Memo**: Write a memo.
 - **Message**: Write a message during a call.

Personalizing the Call Sound Setting

During a call, it may be necessary to adjust the sound of the incoming call by selecting an audio equalizer setting for the current call.

1. From the call screen, touch  to enable the feature.  displays when the feature is enabled.
2. Select an available option. Choose from: Off, Soft sound, Clear sound, Adapt Sound Left, and Adapt Sound right.

Activating Noise Reduction

During a call it may be necessary to activate the noise reduction feature. Activating this feature can improve the quality of your conversation by reducing ambient noise. Noise reduction in on by default.

1. To turn **Noise reduction off**, touch .
2. To turn **Noise reduction on**, touch .

Placing a Call on Hold

You can place the current call on hold at any point during a conversation. You can also make another call while you have a call in progress, if your network supports this service.

1. While on a call, touch  **Hold**. This action places the current caller on hold.
2. To reactivate this call, touch  **Unhold**.

Making a New Call During a Call in Progress

To make a new call while you have a call in progress:

1. Touch  **Hold**.
2. Touch  **Add call** to display the dialer.
3. Enter the new number and touch  **Call**.

 Once connected, the active call appears in a large box at the top of your screen and the call on hold appears in a smaller box in the middle of your screen.

Switching Between Calls

When you have an active call and a call on hold, you may switch between the two calls, changing the one on hold to active and placing the other on hold.

1. Touch **Swap**.

 The current call (caller #2) is placed on hold and the previous call on hold (caller #1) is then reactivated so that you can continue conversing with that person. The active call appears in a green box.

2. Touch **End call** to end the currently active call.

Ending a Specific Call

1. Touch **Swap** until the call you want to end appears in a green box.
2. Touch **End call** to end the specific call.
3. Touch **End call** to end the remaining call.

Answering a Call During a Call in Progress

You can answer another call while you have a call in progress, if you have activated the Call waiting feature. Otherwise, the other call goes to your Voicemail box. For more information, refer to *"Additional Settings"* on page 162.

To answer another call:

1. Touch and slide to the right.
2. Touch **Putting "Name/Number" on hold** to put the first call on hold.

 – or –

 Touch **Ending call with "Name/Number"** to end the first call.

3. To switch between the two calls, touch **Swap**.

 Swap places the current call on hold and then activates the previous call. The active call appears in a green box.

4. Touch **Swap** again to switch back.

Ending a Call On Hold

To end a call on hold:

1. Touch **End call** to disconnect the active call.

 The call on hold becomes the active call.

2. Touch **End call** to end the remaining call.

3-Way Calling (Multi-Party Calling)

Use the 3-Way or Multi-Party feature to answer a series of incoming calls and place them on hold. If this service is supported by the network, all calls can be joined together. You are notified of an incoming call by a call waiting tone.

Note: The **Merge** option combines all of the calls you have established with your phone (both active and on hold). **Swap** places the current call on hold and then activates the previous call.

This feature joins all of the calls you have established with your phone (both active and on hold) into a multi-party call.

1. To answer the call, touch and slide to the right.
2. To answer the next call, touch and slide to the right.
3. Touch **Putting “Name/Number” on hold** to put the first call on hold.
4. To join the first two callers into a single multi-party call, touch **Merge**.
5. To temporarily leave the conference call, touch **Hold**.
6. To rejoin the conference call, touch **Unhold**.
7. Touch **End call** to end the call.

Using the Speakerphone During an Active Call

While in an active call, it is possible to enable the speakerphone feature.

1. Touch **Speaker**.

 The **Speaker** button now appears as and the speakerphone is activated.

2. Use the **Volume** keys (located on the left side of your phone) to adjust the volume.

3. To deactivate the speakerphone, touch **Speaker**.

Switching Off the Microphone (Mute)

You can temporarily switch your phone's microphone off, so that the other person cannot hear you.

Muting Your Phone During a Call

To mute your phone during a call:

1. Touch **Mute**. The **Mute** button now appears as and Mute is activated.

2. Touch **Mute** to deactivate the Mute function and reactivate the microphone.

Bluetooth Headset

1. Touch **Headset**.

2. The phone will scan for your Bluetooth headset. When found, connect to the headset.

 The **Headset** button now appears as and the Bluetooth headset is activated.

3. Touch **Headset** to deactivate the Bluetooth headset and reactivate the phone speaker.

Searching for a Number in Address Book

1. During an active call, touch **Menu** then touch **Contacts**.

2. Touch the Address Book entry.

For further details about the **Address Book** feature, see *"Finding an Address Book Entry"* on page 47.

Call Waiting

The Call Waiting feature can be used to answer an incoming call while you have a call in progress, if this service is supported by the network.

To activate the Call Waiting feature:

- Touch **Phone** ➔ **Menu** ➔ **Call settings** ➔ **Additional settings** ➔ **Call waiting**.

 You are notified of an incoming call by a call waiting tone.

Call Forwarding

To select when to forward incoming calls:

1. Touch **Phone** ➔ **Menu** ➔ **Call settings** ➔ **Additional settings** ➔ **Call forwarding**.
2. Touch one of the following options:
 - **Always forward**: Forward all voice calls.
 - **Forward when busy**: Forward voice calls to a designated number instead of your voicemail number, if you are on another phone call.
 - **Forward when unanswered**: Forward voice calls to a designated number instead of your voicemail number when there is no answer on your phone. You can also select the amount of time that the phone delays before forwarding.
 - **Forward when unreachable**: Forward voice calls to a designated number instead of your voicemail number when you are not in an area covered by your service provider or when your phone is switched off.

Using Fixed Dialing Numbers

Turn On FDN

To turn on FDN:

1. From the Home screen, touch **Phone** ➔ **Menu** ➔ **Call settings** ➔ **Additional settings** ➔ **Fixed dialing numbers**.
2. Touch **Turn on FDN**.
3. At the prompt, enter your PIN2 code and touch **OK**.

 FDN is turned on.

Turn Off FDN

1. Touch **Turn off FDN**.
2. At the prompt, enter your PIN2 code and touch **OK**.

 FDN is turned off.

Important! Not all SIM cards use a PIN2 code. If your SIM card does not, this menu does not display. The PIN2 code is provided by your carrier. Entering an incorrect PIN2 code could cause the phone to lock. Contact customer service for assistance.

Changing the PIN2 Code

To change the PIN2 code:

1. From the Home screen, touch **Phone** ➔ **Menu** ➔ **Call settings** ➔ **Additional settings** ➔ **Fixed dialing numbers**.
2. Touch **Change PIN2**.
3. At the prompt, enter your old PIN2 code.
4. At the prompt, enter a new PIN2 code.

Managing the FDN List

When this feature is enabled, you can make calls only to phone numbers stored in the FDN list on the SIM card.

Note: Before you can manage an FDN list a list must be created.

1. From the Home screen, touch **Phone** ➔ **Menu** ➔ **Call settings** ➔ **Additional settings** ➔ **Fixed dialing numbers**.
2. Touch **FDN list**.
3. A list of all existing FDN numbers displays.

Call Settings

To access the Call settings menu:

- Touch **Phone** ➔ **Menu** ➔ **Call settings**.

 – or –

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **My device** ➔ **Call**.

For detailed information on all of the call settings, see *"Call"* on page 160.

Section 5: Messaging

This section describes how to send and receive different types of messages. It also includes the features and functionality associated with messaging.

Types of Messages

Your phone provides the following message types:

- Text Messages
- Multimedia (Picture, Video, and Audio) Messages
- Email and Gmail Messages
- AT&T Messages
- ChatON
- Google+ Messages
- Hangouts

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as photo, video, and audio messages) to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Important! When creating a message, adding an image, a sound file, or a video clip to a text message changes the message from a text message to a multimedia message.

Messaging icons are displayed at the top of the screen and indicate when messages are received. For more information, refer to *"Indicator Icons"* on page 26.

Creating and Sending Messages

1. From the main Home screen, touch **Messaging**.

 – or –

 From a Home screen, touch **Apps** ➔ **Messaging**

2. Touch **Compose**.
3. Touch the **Enter recipient** field to manually enter a recipient or touch to select a recipient from your Contacts. You can also select the recipient based on Groups, Favorites, or Logs.
4. If adding a recipient from your Contacts, touch the contact to place a check mark then touch **Done**.

 The contact is placed in the recipient field.

Note: For the Group option, if the number of recipients is less than 10, all members in the group will be added. You will need to delete any unnecessary members in the list by selecting the trash can icon and deleting unwanted entries.

Note: Enter additional recipients by separating each entry with a semicolon (;) then repeating Steps 3 and 4 of this procedure.

5. Touch the **Enter message** field and use the onscreen keyboard to enter a message.
6. To add more recipients, touch the recipient field.
7. Review your message and touch **Send**.

Note: If you exit a message before you send it, it will be automatically saved as a draft.

Adding Attachments to a Message

To add an attachment to your message, touch **Attach** and select one of the options: Image, Take picture, and so on.

Message Options

Options Before Composing a Message

1. Touch **Messaging**.
2. Before composing a message, touch **Menu** to reveal additional messaging options:
 - **Search**: Search through all of your messages for a certain word or string of words. Enter a search string in the Messaging Search window, and then touch on the keyboard.
 - **Delete threads**: Delete any message thread. Select the messages to delete and a green check mark appears next to the message. Touch **Delete**.
 - **Draft messages**: Display the draft messages folder and its contents.
 - **Locked messages**: Display the locked messages folder and its contents.
 - **Scheduled messages**: Display the scheduled messages folder and its contents.
 - **Spam messages**: Display the spam messages folder and its contents.
 - **Settings**: Access Messaging settings. For more information, refer to *"Messaging Settings"* on page 78.

Options While Composing a Message

- While composing a message, touch **Menu** to reveal additional messaging options.

Note: Available options will slightly differ between new messages and messages composed within a thread.

- **Insert smiley**: Add emoticons, such as a happy face, to your message.
- **Add text**: Copy text from your contacts, calendar, or from a memo to add to your message. This is a convenient feature for adding names, phone numbers, events, and so on, to your message.
- **Add to contacts**: Add the recipient to your Contacts list. This option only appears if the recipient is not already in your Contacts list.
- **View contact**: See information on the recipient. This option only appears if the recipient is in your Contacts list.

- **Add slide**: Add a new page to a message.
- **Remove slide**: Remove a recently added page from a message.
- **Add recipients**: Enter more recipients or touch to select a recipients from your Contacts.
- **Scheduling**: Assign the current message for scheduled delivery at a designated time.
- **Add to spam numbers**: Add the current sender to a spam list. Any new messages from this sender are automatically blocked.
- **Remove from spam numbers**: Remove a number from the spam number list. This option only appears if the number was previously registered as spam.
- **Discard**: Delete the current message.
- **Translate**: Launch a Translate popup menu. Here you can both assign the sender's original language and assign a target language for the recipient (they will receive your message in the designated language). Other options include, Check Incoming messages only, and Include original text in outgoing message. Touch to create a check mark.

Viewing New Received Messages

When you receive a new message, the new message icon displays at the top of the screen.

To view a received message:

- Open the Notification Panel and select the message. For more information, refer to *"Notification Bar"* on page 24.

 – or –

 Touch **Messaging** and then touch the new message to view it.

 The selected message displays.

To play a multimedia message:

1. Touch .
2. To pause playback of the multimedia message, touch .

To scroll through the message (if additional text pages have been added):

- Touch the screen and in a single motion, scroll up or down the page.

Message Threads

Sent and received text and photo messages are grouped into message threads. Threaded messages allow you to see all the messages exchanged (similar to a chat program) and displays a contact on the screen. Message threads are listed in the order in which they were received, with the latest message displayed at the top.

To access message thread options:

- From the main Messaging screen, touch and hold the message to display the following options:
 - **View contact**: Display the Contact's Overview page.
 - **Add to contacts**: Add a new number to your Contacts list. This option is only displayed if the number is not already in your Contacts list.
 - **Delete thread**: Delete the currently selected message thread.
 - **Add to spam numbers**: Add the current sender to a spam list. Any new texts from this sender are automatically blocked.
 - **Remove from spam numbers**: Remove a number from the spam number list. This option only appears if the number was previously registered as spam.

To access additional Bubble options:

- Touch and hold the message bubble within an active message conversation to display the following options:
 - **Delete message**: Delete any currently selected message bubble from the thread.
 - **Copy message text**: Copy the currently selected message bubble from the thread.
 - **Lock/Unlock message**: Lock or unlock the currently selected message bubble from being accidentally deleted.
 - **Forward**: Forward the currently selected message bubble to an external recipient.
 - **Share**: Share this message with a Bluetooth device, Gmail, and so on.
 - **Copy to SIM**: Copy the currently selected message bubble as a single text message within the SIM card.
 - **View message details**: Display details for the currently selected message bubble.
 - **Translate**: Translate the text from the currently selected bubble into a desired language.

Deleting Messages

To delete a single message thread:

1. Touch **Messaging**.
2. Touch and hold a message, then touch **Delete thread**.

To delete multiple message threads:

1. Touch **Messaging**.
2. Touch **Menu** ➔ **Delete threads**.
3. Touch each message you want to delete or touch **Select all**.
4. Touch **Delete**.

Message Search

You can search through your messages by using the Message Search feature.

1. Touch **Messaging**.
2. Touch **Menu** ➔ **Search**.
3. Use the onscreen keyboard to enter a word or phrase to search for, then touch on the keyboard.

Messaging Settings

To configure the settings for text messages, multimedia messages, Voice mails, and Push messages.

1. Touch **Messaging** ➔ **Menu** ➔ **Settings**.

 General settings, Text message (SMS) settings, Multimedia message (MMS) settings, Display, Push message settings, Cell Broadcast (CB) settings, Notification settings, Emergency message settings, Signature settings, and Spam message settings are listed.

2. Options are described on the screen.

 Touch the check box to enable an option.

 Touch to set some options.

 Touch other options, such as Emergency alerts, to display additional instructions for setting the option.

3. Touch **Menu** ➔ **Restore default settings** to restore all Messaging settings to their original state.

Emergency Alerts

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System (CMAS) which may also be known as the Personal Localized Alerting Network (PLAN). If your wireless provider has chosen to participate in CMAS/PLAN, alerts are available while in the provider's coverage area. If you travel outside your provider's coverage area, wireless emergency alerts may not be available. For more information, please contact your wireless provider.

Emergency Alerts allows customers to receive geographically-targeted messages. Alert messages are provided by the US Department of Homeland Security and will alert customers of imminent threats to their safety within their area. There is no charge for receiving an Emergency Alert message.

There are three types of Emergency Alerts:

- Alerts issued by the President
- Alerts involving imminent threats to safety of life (Extreme and Severe)
- AMBER Alerts (missing child alert)

Customers may choose not to receive Imminent Threats (Extreme and Severe) and AMBER Alerts. Alerts issued by the President cannot be disabled. To disable Imminent Threats and AMBER Alerts, follow the instructions below:

1. Touch **Messaging**.
2. Touch **Menu** ➔ **Settings**.
3. Scroll downward and touch **Emergency alerts**.
4. All alerts are enabled by default (check mark showing). Touch an alert option to disable the alert and remove the check mark.

Email

Email enables you to review and create email using various email services. You can also receive text message alerts when you receive an important email.

To access the Email app:

- From the main Home screen, touch **Email**.

 – or –

 From a Home screen, touch **Apps** ➔ **Email**.

Creating an Email Account

To create your first email account:

1. Touch **Email**.

 The Set up email screen displays.

2. Enter your email address in the email address field.
3. Enter your password in the **Password** field.
4. If you want to see your password as it is being typed, touch **Show password** to create a check mark.
5. Touch **Next** or touch **Done** on the keyboard.

 The Account options screen displays.

6. Review and configure the settings.
7. Touch **Next**.
8. Enter a name for this email account (optional).
9. Touch **Done**.

Creating a Corporate Email Account

Use the following procedure to configure your phone to synchronize with a corporate email account.

1. Touch **Email**. The Set up email screen displays.
2. Enter your email address and password.
3. Touch **Manual setup**.
4. Touch the **Microsoft Exchange ActiveSync** field.
5. Enter all the Exchange server information, Domain, User name and Password, then touch **Next**.
6. At the **Activation** prompt, touch **OK**.

 The **Account options** screen displays.

7. Enter the desired information in the different fields, then touch **Next**.
8. Enter an Account name for this account (Optional) and touch **Done**. Wait for the Inbox to synchronize before use.
9. Touch **Menu** ➔ **Settings** to change the account settings.

Creating Additional Email Accounts

To create additional email accounts after setting up your first account, follow these steps:

1. Touch **Email**. Your Email screen displays showing your emails from the active account.
2. Touch **Menu** ➔ **Settings**.
3. Touch **Add account**.
4. Enter the information required to set up another account.

 Touch **Send email from this account by default**, if you want to enable the option. Touch the check box to create a check mark.

 For more information, refer to *"Creating an Email Account"* on page 80.

Switching Between Email Accounts

1. Touch **Email**.

 Your Email screen displays showing your emails from the active account.
2. Touch **Inbox** at the top of the screen.

 Your Email accounts screen displays.
3. Touch the Email account **Inbox** you would like to make active.

 – or –

 Touch **Combined inbox** to display email messages from all accounts.

 The new Email account inbox or Combined inbox displays.

Syncing Email Accounts

Syncing refreshes your phone with the account's servers. When you set up an email account, you can choose whether the account syncs in the background or manually.

- Touch **Email** ➔ **Refresh**.

Gmail

Send and receive email with Gmail, which is Google's web-based email.

To access Gmail:

- From a Home screen, touch **Apps** ➔ **Gmail**.

Setting Up Your Gmail Account

Note: You must sign in to your Gmail account in order to access Gmail.

1. Sign on to your Google account, if you are not already signed on.
2. Touch **Gmail**.
3. Follow the onscreen instructions.

 The Inbox loads conversations and email.

Refreshing Your Gmail Account

Refresh your account to update your device from the Gmail servers.

1. Touch **Gmail**.
2. Touch **Menu** ➔ **Refresh**.

Gmail Settings

Use the Gmail Settings to configure your Gmail preferences.

1. Touch **Gmail**.
2. Touch **Menu** ➔ **Settings** for settings.

Composing and Sending Gmail

1. Touch **Gmail**.
2. Touch **Compose**, then touch fields to compose the message. While composing a message, touch **Menu** for options.
3. Touch **SEND** to send this message.

 – or –

 Touch **Menu** ➔ **Save draft** to save a draft of this message.

Messages

AT&T Messages brings your texts, calls, and voicemail messages together into a single conversation thread and is accessible by phone or computer.

1. From a Home screen, touch **Apps** ➔ **Messages**.
2. Sign in to your Google account, if you are not already signed in. For more information, refer to *"Setting Up Your Gmail Account"* on page 82.

Note: The first time you use the Messages app, touch **Update AT&T Messages** to download the updated application from the Play Store. When the Play Store page displays, touch **UPDATE** ➔ **ACCEPT** ➔ **OPEN**. For more information, refer to *"Play Store"* on page 135.

3. Follow the onscreen instructions to use the Messages app.

ChatON

Provides a global mobile communication service where you can chat with more than two buddies in a group chat. Share things such as photos, videos, animation messages (Scribbles), audio, Contacts, Calendar entries, and Location information.

Note: This app requires a Samsung account.

1. Sign in to your Google account. For more information, refer to *"Setting Up Your Gmail Account"* on page 82.
2. From a Home screen, touch **Apps** ➔ **ChatON**.
3. Touch **Menu** ➔ **Settings** to configure your ChatON preferences.
4. Touch **Menu** ➔ **Support** ➔ **Help** to display additional help information.

 – or –

 Visit: web.samsungchaton.com for more information.

Google+

Stay connected and share life as it happens with Google+. Chat with friends and family, post photos, or see what others are sharing while you're on the go.

Visit google.com/mobile/+ to learn more.

Note: This app requires a Google Account.

- From a Home screen, touch **Apps** ➔ **Google+**.

Hangouts

Google Hangouts is an online place to meet friends and family, share photos, and host video calls.

Visit google.com/+/learnmore/hangouts to learn more.

Note: This app requires a Google Account.

- From a Home screen, touch **Apps** ➔ **Hangouts**.

Section 6: Photos and Videos

This section explains features related to the use of the camera and camcorder on your phone. You can take photographs and record video by using the built-in camera functionality. Your 8 megapixel camera produces photos in JPEG format.

Important! Do not take photos of people without their permission.
Do not take photos in places where cameras are not allowed.
Do not take photos in places where you may interfere with another person's privacy.

Using the Camera

Taking Photos

Taking photos with your device's built-in camera is as simple as choosing a subject, pointing the camera, then touching the Camera button.

Note: When taking a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

1. From a Home screen, touch  **Camera** to activate the camera mode.
2. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camera at the subject.
3. Before you take a photo, use the **Up** and **Down** Volume keys to zoom in or out. You can magnify the photo up to four times (400 percent).

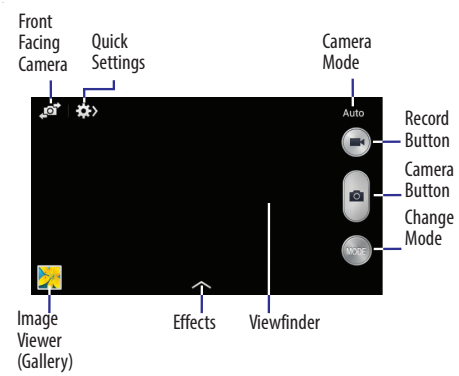
 – or –

 Use two fingers to make an inward pinch motion on the screen to zoom out or an outward motion by sweeping your fingers out to zoom in.
4. If desired, before taking the photo, you can touch on-screen icons to access various camera options and settings.

5. You can also touch the screen to move the focus to the area you touch.
6. Touch the Camera button () until the shutter sounds.

 The photo is automatically stored within your designated storage location. If no microSD is installed, all photos are stored on the Phone.
7. While viewing a photo, after you have taken it, pinch the screen outwards to zoom in or pinch the screen inwards to zoom out.

 You can magnify the photo up to four times (400 percent).
8. Touch **Back** to return to the viewfinder.



Camera Modes

There are many different camera modes that you can use to help optimize your photos depending on the conditions and your experience.

1. From the camera viewfinder, touch the **Mode** button to change the mode to one of the following: Auto, Beauty face, Best photo, Continuous shot, Best face, Sound & shot, Rich tone (HDR), Panorama, Sports, or Night.
2. Touch and swipe through the list to view a definition of each mode.
3. Touch **Back** to return to the viewfinder.

Quick Settings

Touch at the top of the display to quickly change Camera settings. Not all of the following options are available in both still camera and video camera modes. The available options vary by mode.

- Configure Camera settings.
- Activate or deactivate the flash.
- Activate or deactivate the voice control to take photos.
- Set a timer.
- Select a resolution for videos.
- Activate or deactivate the sharing options.
- Hide Quick settings.

Camera and Camcorder Settings

This section describes the different settings that you can configure on your camera. Not all of the following options are available in both still camera and video camera modes. The available options vary by mode.

1. From the viewfinder, touch ⚙ > **Quick Settings** ➔ ⚙ **Camera Settings**.
2. The follow settings are located under the Camera, Camcorder, and General tabs. The settings that are displayed will depend on what camera mode you are in.

Camera:

- **Photo size**: Select a resolution for photos. Use higher resolution for higher quality. Higher resolution photos take up more memory.
- **Face detection**: Adjust the camera focus based on face detection technology.
- **Metering**: Set how the camera measures or meters the light source: Center-weighted, Matrix, or Spot.
- **ISO**: Determine how sensitive the light meter is on your digital camera. Choose from Auto, 100, 200, 400, or 800. Use a lower ISO number to make your camera less sensitive to light, a higher ISO number to take photos with less light, or Auto to let the camera automatically adjust the ISO for each of your shots.
- **Anti-Shake**: Compensate for camera movement.
- **Save as**: Assign rich tone usage to an image.

Camcorder:

- **Video size**: Select a resolution for videos. Use higher resolution for higher quality. Higher resolution videos take up more memory.

Settings:

- **GPS tag**: Attach a GPS location tag to the photo. To improve GPS signals, avoid shooting in locations where the signal may be obstructed, such as between buildings or in low-lying areas, or in poor weather conditions. Your location may appear on your photos when you upload them to the Internet. To avoid this, deactivate the GPS tag setting.

- **Review**: Set this option if you want to view each photo after you take it. Select a time value.
- **Volume key**: Assign a function to the volume key. Choose from The zoom key, The camera key, or The record key.
- **Timer**: Use this for delayed-time shots. You can set the timer to Off, 2 sec, 5 sec, or 10 sec.
- **White balance**: Select an appropriate white balance, so images have a true-to-life colour range. The settings are designed for specific lighting situations. These settings are similar to the heat range for white-balance exposure in professional cameras.
- **Exposure value**: Adjust the brightness level by moving the slider.
- **Guidelines**: Display viewfinder guides to help composition when selecting subjects.
- **Flash**: Activate or deactivate the flash.
- **Voice control**: Activate or deactivate the voice control feature, which allows you to verbally take a photo.
- **Contextual filename**: Add your location as part of the filename. You must first activate GPS tag described above.
- **Storage**: Select the memory location for storage.
- **Shutter sound**: Turn the shutter sound on or off.
- **Reset**: Reset the camera settings.

Viewing Your Photos

After you take a photo, you can access various options from the Image Viewer. The Image Viewer uses your Gallery. For more information, refer to *"Gallery"* on page 92.

Editing a Photo

You can edit your photos using the built-in Photo editor application on your device. The photo editor application provides basic editing functions for photos that you take on your phone. Along with basic image tuning like brightness, contrast, and color it also provides a wide variety of effects used for editing the photo.

1. From a Home screen, touch **Apps** ➔ **Gallery**.
2. Select a folder location and touch a file to open it.
3. With the image displayed, touch **Menu** ➔ **Edit** to launch the Photo editor.
4. Select an image area by touching and holding the image and then selecting an available option:
 - **Selection mode**: Choose from several onscreen selection options such as: Select area, Inverse selection, Selection size, and Selection mode (Magnetic, Lasso, Brush, Round, and Square).
 - **Select all**: Select the entire area of the current image.
 - **Clipboard**: Copy the currently selected area to your device's clipboard.
5. Use the following editor controls to edit your photo:



Undo: Undo the last operation made on a photo.



Redo: Redo the last operation made to a photo after performing an Undo.



Rotate: Rotate a photo in all 4 directions. You can also mirror image a photo.



Crop: Crop (cut-out) an area of a photo.



Color: Auto adjust color, Brightness, Contrast, Saturation, Adjust RGB, Temperature, Exposure, and Hue of a photo.



Effects: Add various effects to your photo.



Portrait: Apply various face correction effects such as: Red-eye fix, Airbrush face, Face brightness, Out-of-focus, Beauty face, Face reshaping, or Spot healing.

Sticker: Place various pre-created onscreen stickers atop your current image.

Drawing: Draw directly on your current photo by using either a brush/pen or eraser.

Frame: Place a pre-created border style atop your current image.

6. Touch **Menu** to access the following options:
 - **Save as**: Rename your current image and save it to your gallery.
 - **Select image**: Select a new image for editing.
 - **Take picture**: Activate the camera and take a new photo for editing.
 - **Share via**: Share your saved photo by using AT&T Locker, Bluetooth, and so on.
 - **Set as**: Assign the currently saved image as either a Contact photo, Home and lock screens, Home screen, or Lock screen.

Using the Camcorder

In addition to taking photos, the camera also doubles as a camcorder that also allows you to record, view, and send videos.

Note: The camera may not be able to properly record videos to a memory card with a slow transfer speed.

Recording Video

Tip: When recording video in direct sunlight or in bright conditions, it is recommended that you provide your subject with sufficient light by having the light source behind you.

1. From the main Home screen, touch **Camera** to activate the camera mode.
2. Using the camera's main display screen as a viewfinder, adjust the image by aiming the camcorder at the subject.
3. Before you take a video, use the Volume control buttons to zoom in or out. You can magnify the video up to four times (400 percent).

4. To begin recording video, touch **Video**. The red light blinks while recording.
5. You can touch the screen to move the focus to the area you touch.
6. Target area.
7. To capture an image from the video while recording, touch . This feature is not available while the anti-shake feature is activated.
8. To pause the recording, touch **Pause**.
9. To continue recording, touch **Record**.
10. To stop the recording and save the video file to your Camera folder, touch **Stop**.
11. Once the file has been saved, touch the image viewer, then touch **Play** to play your video.
12. Touch **Back** to return to the viewer.

Viewing Your Videos

After you take a video, you can access various options from the Image Viewer. The Image Viewer uses your Gallery and the Video player. For more information, see *"Gallery"*. Also, see *"Video"* on page 142.

Gallery

The Gallery can be used to view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a photo message.

To access the Gallery:

1. From a Home screen, touch **Apps** ➔ **Gallery**.

 All of the Albums that hold your photos and videos display with folder name and number of files.

2. Touch an Album.

 Thumbnails of the contents display.

Note: If your device displays that the memory is full when you access Gallery, delete some of the files by using **My Files** or another file management application and try again. For more information, refer to *"My Files"* on page 131.

Viewing Photos

To view photos:

1. Touch a thumbnail to view a single photo.

Note: If no control icons are displayed on the screen in addition to the photo, touch anywhere on the screen to display them.

2. The following options are available at the top of the screen:



Change player: Select a DLNA-enabled device.



Share via: Share the photo by using ChatON, Group Play, AT&T Locker, Bluetooth, and so on.



Delete: Delete the photo.



Camera: Activate the camera.

3. Touch **Menu** for additional options.

Viewing Videos

Note: If no control icons are displayed on the screen in addition to the photo, touch anywhere on the screen to display them.

1. Touch a video to select it.
2. Touch to play the video.
3. Touch **Menu** for additional options.

 For video player controls, see *"Video"* on page 142.

Using S Beam to Share Photos

When this feature is activated with NFC, you can beam large files directly to another compatible device that is in direct contact. For example, these large files can be Videos or HD photos. You can beam images and videos from your gallery, music files from your Music, and more.

1. From a Home screen, touch **Apps** ➔ **Settings** **Connections**.
2. Touch **OFF/ON** to activate NFC.

3. Touch **S Beam** and make sure the feature is turned on.

 Touch **OFF/ON** to turn activate S Beam.

4. On the source device, which contains the desired photo or video, touch **Apps** ➔ **Gallery**.

5. Locate and touch the selected photo or video to open it in the preview window.

Important! Neither device must be in Lock mode or displaying the Lock screen. Both devices must be active and unlocked. It is recommended that the target device be on the Home screen.

6. Place the two active NFC-enabled devices back to back to begin.

 Note: If the **Touch to beam** screen does not display on the source device:

 - Pull them apart.
 - Verify the image is visible in the preview window on the source device (providing the file).
 - Place them together again.

7. From the **Touch to beam** screen, touch the reduced image preview to begin the transfer.

8. When prompted, separate the two devices.

 After a few seconds (depending on file size), the transferred file will display on the recipient's screen.

Sharing Multiple Photos with S Beam

To share multiple photos with S Beam:

1. On the source device (containing the desired image or video), touch **Apps** ➔ **Gallery**.

2. Locate the selected folder.

3. Touch and hold the first image and place a check mark on it and all desired images.

4. Place the two active NFC-enabled devices back to back to begin.

5. From the **Touch to beam** screen, touch the reduced image preview to begin the transfer.

6. When prompted, separate the two devices.

7. The photos are transferred to the other device.

Section 7: Connections

This section describes the various connections your phone can make including accessing Wi-Fi, Bluetooth, and Connecting your PC.

Wi-Fi

About Wi-Fi

Wi-Fi is a wireless networking technology that provides access to local area networks.

Wi-Fi communication requires access to an existing Wi-Fi network. Wi-Fi networks can be Open (unsecured), or Secured (requiring you to provide login credentials).

Your device supports the 802.11 a/b/g/n Wi-Fi protocols.

Turning Wi-Fi On

By default, your device's Wi-Fi feature is turned off. Turning Wi-Fi on makes your device able to discover and connect to compatible in-range WAPs.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Connections** ➔ **Wi-Fi**.
2. Touch **OFF/ON** button to enable Wi-Fi.

Connect to a Wi-Fi Network

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Connections** ➔ **Wi-Fi**.

 The network names and security settings (Open network or Secured with WEP) of detected Wi-Fi networks are displayed in the Wi-Fi networks section.
2. Touch the network you want to connect to.

Note: When you select an open network, you will be automatically connected to the network.

3. Enter a wireless password, if necessary.

Manually Add a New Network Connection

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Connections** ➔ **Wi-Fi**.
2. Touch **OFF/ON** button to enable Wi-Fi.
3. Touch **Add Wi-Fi network**.
 - Enter the **Network SSID**. This is the name of your Wireless Access Point.
 - Touch the **Security** field and select a security option. This must match the current security setting on your target WAP.
 - If secured, you will also need to enter your WAP's password.
 - Touch **Show advanced options**, if you need to add advanced options such as Proxy settings, IP settings, or Key management.
4. Touch **Connect** to store the new information and connect to your target WAP.

Note: The next time your device connects to a previously accessed or secured wireless network, you are not prompted to enter the WAP key again, unless you reset your device back to its factory default settings.

Turning Wi-Fi Off

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Connections** ➔ **Wi-Fi**.
2. Touch **OFF/ON** button turn off Wi-Fi.

Note: Use of wireless data connections such as Wi-Fi and Bluetooth can cause an added drain to your battery and reduce your use times.

Manually Scan for a Wi-Fi Network

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Connections** ➔ **Wi-Fi**.
2. Touch **Scan**. All available Wi-Fi networks are displayed.

Wi-Fi Status Indicators

The following icons show your Wi-Fi connection status at a glance:



Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).



Displays when there is a Wi-Fi access point available, but you are not connected to it. May also display if there is a communication issue with the target Wireless Access Point (WAP).



Displays when connected to another device using Wi-Fi Direct. For more information, refer to *"Wi-Fi Direct"* on page 98.

Wi-Fi Settings

The advanced Wi-Fi settings allow you to set up and manage wireless access points.

1. From the **Settings** screen, touch **Connections** ➔ **Wi-Fi**.
2. Touch **Menu** for options:
 - **Advanced**.
 - **Network notification**: Alerts you when a new WAP is available.
 - **Keep Wi-Fi on during sleep**: Specify when to disconnect from Wi-Fi.
 - **Auto network switch**: Automatically switch between Wi-Fi networks and mobile networks.
 - **Auto connect**: Automatically connected to an AT&T Wi-Fi Hotspot as soon as your phone detects it.
 - **MAC address**: View your device's MAC address, required when connecting to some secured networks (not configurable).
 - **IP address**: View your device's IP address.

- **WPS push button**: Set up a connection to a WPS (Wi-Fi Protected Setup) router or other equipment.
- **WPN PIN entry**: View the PIN used by your device to set up a PIN-secured connection to a Wi-Fi router or other equipment (not configurable).

Wi-Fi Direct

Wi-Fi Direct allows device-to-device connections so you can transfer large amounts of data over a Wi-Fi connection.

Note: See your service plan for applicable charges for Wi-Fi Direct.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Connections** ➔ **Wi-Fi**.
2. Touch **OFF/ON** button to enable Wi-Fi.
3. At the bottom of the Wi-Fi screen, touch **Wi-Fi Direct**.
4. Repeat **Steps 1 - 3** on the other device with which you want to connect.

 The steps on the other device may vary depending on the device. Refer to the documentation for that device.
5. On your phone, touch **Scan**.

 The device scans for other Wi-Fi Direct devices.
6. Once the device you want to connect to displays, touch it.
7. The other device has 2 minutes to touch **Accept** for the connection to be made.
8. Once connected, the other device will show as **Connected** in your list of Wi-Fi Direct devices and the icon will display at the top of your screen.
9. For additional information about Wi-Fi Direct, touch **Menu** ➔ **Help**.

Sharing Information with Connected Device

To share Videos, Photos, or other information with the connected device, follow these steps:

1. View the information that you want to share. For example, if you want to share a photo, find the photo in your camera viewer or **My Files** folder, then touch the **Share, Share via,** or **Send via** option.
2. Touch the **Wi-Fi Direct** option.
3. Touch the connected device name. For example, Android_49ba.
4. Touch **Done**.
5. The file is transferred and the other device will receive a screen notification that a Wi-Fi file has been received. The file can be found in **My Files** ➔ **All files** ➔ **Device storage** in the **ShareViaWifi** folder.

Note: Depending on the other device model, the prompts and shared folder information may differ.

AT&T Smart Wi-Fi

Use AT&T Smart Wi-Fi to maximize your battery performance, maximize your data, simplify access to AT&T Hot Spots and Wi-Fi networks, automate your Wi-Fi connections, and track your data use.

1. From a Home screen, touch **Apps** ➔ **AT&T Smart Wi-Fi**.
2. The first time you access AT&T Smart Wi-Fi, you will need to install it.
 - Touch **Ok** at the prompt.
 - Sign on to your Google account, if you have not already done so.

 The Play Store displays the **AT&T Smart Wi-Fi** application.
 - Touch **UPDATE** ➔ **ACCEPT** ➔ **OPEN**.
3. Read the License Agreement and touch **Accept** to continue.
4. At the Welcome screen, touch **OK**.

5. At the Initial Setting screen, touch **Yes** if you want AT&T Smart Wi-Fi to automatically connect to any hotspot that is available for public use. Otherwise, touch **No**.
6. Follow the onscreen instructions to use AT&T Wi-Fi.

For more information on how to use this application, go to www.att.com/smartwifi.

Bluetooth

About Bluetooth

Bluetooth is a short-range communications technology that is used to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless devices. The Bluetooth communication range is usually up to approximately 30 feet.

Turning Bluetooth On and Off

To turn Bluetooth on:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Connections** ➔ **Bluetooth**.
2. Touch **OFF/ON** button to turn on Bluetooth.

Note: When enabled, the Bluetooth icon displays in the Notification Bar.

To turn Bluetooth off:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Connections** ➔ **Bluetooth**.
2. Touch **OFF/ON** to turn off Bluetooth.

Bluetooth Status Indicators

The following icons show your Bluetooth connection status at a glance:

Displays when Bluetooth is active.

Displays when Bluetooth is connected (paired) and communicating.

Change Bluetooth Name

To change your Bluetooth name:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **More** ➔ **About device** ➔ **Device name**.
2. Use the keyboard to modify your device name and touch **OK**.

Make Your Device Visible

To make your device visible:

1. From the Bluetooth settings screen, touch **Menu** ➔ **Visibility timeout**.
 - Making your device visible allows it to be detected by other devices for pairing and communication.
2. Select a time that you would like your device visibility to time-out.

Show Received Files

To show received files:

- From the Bluetooth settings screen, touch **Menu** ➔ **Received files**.

 A list of all files received from Bluetooth displays.

Scan for Bluetooth Devices

To scan for Bluetooth devices:

1. Verify that Bluetooth is enabled.
2. From the Bluetooth settings screen, touch **Scan** to search for visible external Bluetooth-compatible devices such as headsets, devices, printers, and computers.

Pairing Bluetooth Devices

Use the Bluetooth pairing process to establish a trusted connection between your device and another Bluetooth device. When you pair devices, they share a passkey, allowing for fast, secure connections while bypassing the discovery and authentication process.

To pair your device with another Bluetooth device:

1. Verify that Bluetooth is enabled.
2. Touch **Scan**. Your device will display a list of discovered in-range Bluetooth devices.
3. Touch a device from the list to initiate pairing.
4. Enter the passkey or PIN code, if needed, and touch **OK**.

5. The external device will then have to also accept the connection and enter your device's PIN code.

 Once successfully paired to an external device, appears within the Status area.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth compatible devices.

Note: Pairing between two Bluetooth devices is a one-time process. Once a pairing has been created, the devices will continue to recognize their partnership and exchange information without having to re-enter a passcode again.

Rename or Unpair a Paired Device

Unpair a paired device to break the connection between the device and your phone, but retain the knowledge of the pairing. At a later point when you want to reconnect the device, there is no need to setup the connection information again.

Note: Disconnections often occur automatically if the paired device goes out of range of your phone or it is powered off. Upon reconnection, you may be required to re-enter all the previous pairing information.

1. Verify that your Bluetooth is active.
2. From the Bluetooth settings screen, touch next to the previously paired device. This opens the connected device's menu options.
3. Touch **Rename** to change the name of the paired device.
4. Touch **Unpair** to unpair from the paired device.

Sending Contacts with Bluetooth

Depending on your paired devices' settings and capabilities, you may be able to send photos, Contact information, or other items using a Bluetooth connection.

Note: Prior to using this feature, Bluetooth must first be enabled, and the recipient's device must be visible.

1. Verify that your Bluetooth is active.
2. From the Home screen, touch **Contacts**.
3. Touch **Menu** → **Share namecard via**.
4. Touch each contact that you would like to send via Bluetooth.
5. Touch **Done**.
6. Touch **Bluetooth**.
7. Select the paired device to send the contacts to.

Note: The external Bluetooth device must be visible and communicating for the pairing to be successful.

A Bluetooth share notification will appear in your notifications list.

PC Connections

You can connect your device to a PC using your PC data cable using various USB connection modes.

Storage: Use the onboard storage capacity of the phone to store and upload files. This option allows your computer to detect the phone as a removable storage drive.

Kies: Use Kies to manage music, movies and photos. You can also backup precious contacts and calendars, download apps and podcasts and automatically upgrade device firmware. Kies conveniently syncs your life across all your devices.

Note: To sync your device to a PC, it is highly recommended that you install Samsung Kies, which is available at samsung.com/us/kies (for Windows or Mac).

Note: If you are a Windows XP user, ensure that you have Windows XP Service Pack 3 or higher installed on your computer. Also, ensure that you have Samsung Kies 2.0 or Windows Media Player 10 or higher installed on your computer.

Connecting as a Storage Device

You can connect your device to a PC as a removable disk and access the file directory. If you insert a memory card in the device, you can also access the files directory from the memory card by using the device as a memory card reader.

Note: The file directory of the memory card displays as a removable disk, separate from the internal memory.

1. Connect the USB cable to the device and connect the cable to the computer. After a few seconds, a pop-up window displays on the PC when connected.
2. On the PC pop-up, click **Open device to view files**.
3. Copy files from the PC to the memory card.

NFC

NFC (Near Field Communication) allows data exchange when you touch your device with another compatible device. This is used for applications such as S Beam and Android Beam. For information on NFC and NFC related features, see *"NFC"* on page 153.

Android Beam

When Android Beam is activated, you can beam app content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more. For more information, refer to *"Android Beam"* on page 153.

S Beam

When S Beam is activated, you can beam files to another NFC-capable device by holding the devices close together. You can beam images and videos from your Gallery, music files from your Music app, and more. For more information, refer to *"S Beam"* on page 153.

Section 8: Applications

This section contains a description of each application that is available on the Apps screen, its function, and how to navigate through that particular application. If the application is described in another section of this user manual, then a cross reference to that description is provided.

Managing Applications

The Apps screen displays all applications installed on your phone, including apps you download and install.

From Apps, you can change the way apps appear on the screen, uninstall apps you have downloaded, and share apps with friends. When you install new apps, new screens are added to hold them.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens, if it is not there by default. For details, see *"App Shortcuts"* on page 30.

Updating Applications

Once you have registered your device (see *"Software Update"* on page 188) and signed into your Google account, you may see the **Updates Available** notification in the Notification Bar if there is a new version of one or more apps available or, when you open an application that is preloaded on your device, an **Update Available** message may be displayed.

To update the applications:

1. Touch the top of the screen and swipe downward to display the Notification Panel.
2. Touch **Updates available**.

GPS Applications

GPS applications allow you to achieve real-time, GPS-enabled, turn-by-turn navigation and to access local searches based on a variety of category parameters.

To receive better GPS signals, avoid using your device in the following conditions:

- inside a building or between buildings
- in a tunnel or underground passage
- in poor weather
- around high-voltage or electromagnetic fields
- in a vehicle with tinted windows

Global GPS turn-by-turn navigation, mapping, and Point of Interest content is available for three continents, including North America (U.S., Canada, and Mexico), Western Europe, and China, where wireless coverage is available.

Important! If you touch or cover the internal GPS antenna while using GPS services, it may impede the GPS signal resulting in the GPS services not working in an optimal manner. Refer to the following diagram to locate the approximate location of the internal GPS antenna.

Location of Internal Antennas



(Back view of device)

Uninstalling Apps

You can uninstall apps you download and install. Pre-loaded apps cannot be uninstalled.

1. From a Home screen, touch **Apps**.
2. Touch **Menu** ➔ **Uninstall**.
3. Apps that can be uninstalled show on their icon. Touch , and then follow the prompts to uninstall the app. Pre-loaded apps cannot be uninstalled.

Customizing the Apps Screens

Choosing a View

By default, app icons appear in Grid view. You can change the view to list view.

1. From a Home screen, touch **Apps**.
2. Touch **Menu**, and then touch **View type**.
3. Choose an option:
 - **Customizable grid**: The default view, which allows you to touch and hold on apps to move them from screen to screen.
 - **Alphabetical grid**: Icons are arranged in a grid, in A-Z order.
 - **Alphabetical list**: Icons display in a list, sorted from A-Z.

Apps Screen Options

1. From a Home screen, touch **Apps**.
2. Touch **Menu** for these options:
 - **Play Store**: Launch Google Play Store, to browse for new apps to download.
 - **Edit**: Touch and hold an app icon then drag it to the Create folder icon to create a new folder. Drag it to the Create page icon to create a new apps screen and place the icon on it. Or drag it to App info to view information about this app.
 - **Create folder**: Create a new folder to hold the app icon.
 - **Uninstall**: Remove an app that you downloaded to your phone. Preloaded apps cannot be uninstalled. Touch to remove the selected app.
 - **Downloaded applications**: Display all apps you have downloaded.
 - **View type**: Configure the apps screen.
 - **Share apps**: Select apps you have downloaded (not available for pre-loaded apps) to share via Bluetooth, ChatON, Drive, Email, and so on.
 - **Hide applications / Show hidden applications**: Control whether app icons are visible in Apps. Hiding an icon does not remove the app from your phone.

AT&T Apps Folder

Several AT&T apps appear on the Apps screens. For your convenience, those apps can also be found in the AT&T apps folder, which can be accessed from the main Home screen.

To access apps from the AT&T apps folder:

1. From the main Home screen, touch **AT&T**.
2. Touch an application's icon to launch the application.

Accessing Applications

To access applications:

1. From a Home screen, touch **Apps**.
2. Locate the application's icon and touch it to launch the application.
3. To return to the main Home screen, press **Home**.

Note: This manual only addresses applications that have been loaded on your device as of the date of purchase. Information concerning third party applications that you may choose to download from the Google Play Store or otherwise should be obtained from the application provider directly and not from Samsung.

Amazon Kindle

Use the Amazon Kindle application to download books for reading, right on your device.

Note: You must be registered with Amazon to use the Kindle application.

- Touch **Amazon Kindle**.

AT&T Code Scanner

Use AT&T Code Scanner to scan two-dimensional (QR and datamatrix codes) and one-dimensional (UPC and EAN) barcodes found in magazines, stores, and online.

1. Touch **AT&T Code Scanner**.
2. Sign into your Google Account. If you have not set up an account.
3. The first time you use the AT&T Code Scanner, you will need to download the updated application from the Play Store. Touch **Update AT&T Code Scanner**.

4. When the Play Store page displays, touch **UPDATE** and follow the onscreen instructions to download the app. For more information, refer to *"Play Store"* on page 135.
5. At the App permissions screen, touch **ACCEPT**.
6. At the License screen, touch **Agree** to continue or **Disagree** to exit.
7. At the Welcome screen, follow the onscreen instructions to use the AT&T Code Scanner.
8. Touch **Menu** ➔ **Help** for additional information.

AT&T DriveMode

With the AT&T DriveMode application, you can set your phone to auto reply when you are driving and do not want to answer the phone. You can set auto reply to Messages, Emails, and Phone Calls. You can also allow up to five of your contacts to contact you while you are in Drive mode.

1. Touch **AT&T DriveMode**.

 The **AT&T DriveMode** screen displays.
2. Read the Terms and Conditions and Privacy Policy and touch **Continue** to continue.
3. Read the additional information and touch **Next**.
4. Follow the onscreen instructions to set up your AT&T DriveMode options.

AT&T FamilyMap

AT&T FamilyMap provides peace of mind because you can use it to conveniently locate a family member on a map from your wireless device. Plus, AT&T FamilyMap is secure and private. Only authorized users have permission to locate your family members.

Note: FamilyMap requires a paid subscription. To sign up for service, visit www.att.com/familymap for more information or contact your AT&T Customer Service Representative.

1. Sign in to your Google account, if you are not already signed in.
2. Touch **AT&T FamilyMap**.

 The AT&T FamilyMap screen displays.
3. Touch **Get FamilyMap** to update the software.
4. Touch **UPDATE** on the Play Store AT&T FamilyMap screen, and then touch **ACCEPT**.

 The AT&T FamilyMap app is downloaded and installed.
5. At the AT&T FamilyMap Sign In screen, touch **Get Started** to create an account.

 – or –

 Touch **Sign In** if you already have an account.
6. Follow the onscreen instructions.

AT&T Locker

Use AT&T Locker to store, share, and sync all of your photos, videos, and documents in one safe, convenient place – the AT&T cloud.

1. Sign in to your Google account, if you are not already signed in.
2. Touch **AT&T Locker**.
3. At the AT&T Locker home screen, touch **Sign Up** to create an account.

 – or –

 Touch **Log In** if you already have an account.
4. Follow the onscreen instructions to use AT&T Locker.

AT&T Navigator

AT&T Navigator provides access to real-time GPS-driven applications. These programs not only allow you to achieve turn-by-turn navigation, but also access local searches.

Important! You must have a data plan to use this feature.

Note: These services require the purchase of a subscription.

To launch the AT&T Navigator application:

1. Touch **AT&T Navigator**.

 The Terms of Service screen displays.

2. Touch **Terms and Conditions**, read the End User License Agreement, touch **Back**, and then touch **I Accept**.

3. Follow the onscreen instructions.

AT&T Ready2Go

AT&T Ready2Go is used to quickly and easily set up your Google, Gmail, and email accounts, import contacts, and configure Wi-Fi.

- Touch **AT&T Ready2Go**.

For more information, refer to *"Setting Up Your Phone"* on page 13.

AT&T Smart Wi-Fi

With AT&T Smart Wi-Fi, you can maximize your battery performance, maximize your data, simplify access to AT&T Hot Spots and Wi-Fi networks, automate your Wi-Fi connections, and track your data use.

- Touch **AT&T Smart Wi-Fi**.

For more information, refer to *"AT&T Smart Wi-Fi"* on page 99.

Battery Manager

This app is a shortcut to your Battery settings so you can manage how much battery power is used for device activities.

- Touch **Battery Manager**.

For more information, refer to *"Battery"* on page 185.

Browser

The Browser application is your access to the mobile web. This section explains how to navigate the browser and introduces you to the basic features.

To access the browser:

- Touch **Browser**.

 The AT&T/YAHOO! mobile homepage displays.

Navigating with the Browser

1. To select an item, touch an entry.
2. To scroll through a website, sweep the screen with your finger in an up or down motion.
3. Sweep the screen left to right to move laterally across a web page.
4. To return to a previous page, touch .
5. To move forward to a web page, touch .

Browser Options

- From any web page, touch **Menu** to access your browser options.

Using the Browser Bar

The Browser Bar enhances your browsing experience by providing contextual tools and quick access to your favorite content.

To access the Browser Bar:

1. Touch the tab  at the bottom of any web page to display the Browser Bar.
2. Swipe the Browser Bar to the left or right to access favorite shortcuts and tools.

To modify your Browser Bar settings:

- From a Home screen, **Apps** ➔ **Settings** ➔ **My device** ➔ **Browser Bar**.

For more information, refer to *"Browser Bar"* on page 169.

Enter a URL

You can access a website quickly by entering the URL. Websites are optimized for viewing on your phone.

To enter a URL and go to a particular website, follow these steps:

1. Touch the **URL** field at the top of your screen.
2. Enter the URL using the onscreen keyboard.

 The website displays.

Search the Internet

To perform an internet search using keywords, follow these steps:

1. Touch the Search bar at the top of the browser.
2. Enter a search word or phrase using the onscreen keyboard and touch .
3. Touch a link to view the website.

Adding and Deleting Windows

You can have up to eight Browser windows open at one time. To add a new window, follow these steps:

1. From your browser, touch **Menu** ➔ **New window**.

 A new browser window is opened.
2. Touch  (**Windows**) to see thumbnails of all open windows.
3. Touch a window listing to open up that Browser window.
4. Touch at the top right corner of the web page thumbnail to delete the window.

Going Incognito

Use the incognito feature to view Internet sites outside of normal browsing. Pages viewed in this incognito window do not appear within your browser history or search history, and no traces (such as cookies) are left on your device.

Note: Any downloaded files will be preserved and will stay on your device after you exit the incognito mode.

To add a new incognito window:

1. From your browser, touch **Menu** ➔ **Incognito mode**.
2. At the information prompt, touch **OK**.

 A new browser window displays.

To exit from the incognito window:

1. From your browser window, touch **Windows**.
2. Scroll across the available windows and locate the incognito window. The incognito icon appears in the upper-left of the incognito browser window.
3. Touch next to the incognito listing to delete this window.

Using Bookmarks

While navigating a website, you can bookmark a site to quickly and easily access it at a future time. The URLs (website addresses) of the bookmarked sites are displayed in the Bookmarks page. From the Bookmarks page you can also view your Most visited websites and view your History.

1. From the Home webpage, touch **Bookmarks**.

 The Bookmarks page displays.
2. Touch **Menu** to display the Bookmark options.

Calculator

The calculator provides the basic arithmetic functions to solve simple arithmetic problems and advanced operators to solve more complex problems. The Calculator also keeps a history of recent calculations.

1. Touch **Calculator**.
2. Enter the first number using the numeric keys.
3. Enter the operation for your calculation by touching the corresponding onscreen arithmetic function key.
4. Enter the next number.
5. To view the result, touch the **=** (equals) key.
6. Repeat Steps 3 through 5 as many times as required.
7. Touch C to clear the result.
8. To view calculator history, touch located at the top of the calculator buttons. A history of your past calculations displays. Touch again to display the calculator keypad.
9. To clear the calculator history, touch **Menu** ➔ **Clear history**.
10. For more advanced problems, rotate your device to landscape mode and use the advanced operators **sin**, **ln**, **cos**, **log**, **tan**, and so on, just as you would on a pocket calculator.
11. Touch and hold entries in the Calculator's display field to copy or cut the contents of the display.

 Copied to clipboard displays. Paste the copied value in another app.

Calendar

Your device includes a powerful Calendar to help you organize your schedules more conveniently and effectively. Learn to create and manage events and tasks, and set alarms to remind yourself of important events and tasks.

To access the Calendar:

1. Touch **Calendar**.
2. The following tabs are available on the right side of the display:
 - **Year**: Display the Year view.
 - **Month**: Display the Month view.
 - **Week**: Display the Week view.
 - **Day**: Display the Day view.
 - **List**: Display the List view.
 - **Task**: Search for tasks.
3. Touch **New** to create a new Calendar event.
4. Touch **Today** to display the current date, which is indicated by a blue box.
5. Touch **Menu** and select one of the following options:
 - **Zoom**: In the Week and Day views, touch and drag a slider to increase or decrease the size of the area being viewed.
 - **Go to**: Display a specific date.
 - **Delete**: Delete All events, All events before today, or an individual event.
 - **Search**: Search within your current events.
 - **Sync**: Synchronize your calendar with one or all of your accounts. This option only appears when an account has been opened.
 - **Calendars**: Display various information such as My calendars, My task, your linked accounts, and Contact's birthdays.
 - **Settings**: Display a list of configurable settings.

Camera

Take photos and record video with your device's built in Camera.

- Touch **Camera**.

For more information, refer to *"Using the Camera"* on page 85.

ChatON

Use ChatON to send and receive instant messages from any device that has a mobile phone number. You can interact with friends and family with text, images, hand-written notes and video shared instantly. You can chat in groups, while a Web client allows the easy sharing of content and conversations between your phone and PC.

- Touch **ChatON**.

For more information, refer to *"ChatON"* on page 83.

Chrome

The Google Chrome app uses the Google Chrome web browser on your phone.

- Touch **Chrome**.

Clock

Use the Clock application to access alarms, view the World Clock, set a stopwatch, and use a timer.

Alarm

This feature can be used to set an alarm to ring at a specific time.

1. Touch **Clock** ➔ **Alarm** ➔ **Create alarm**.

 The following options display:

 - **Time**: Touch **Up** or **Down** to set the new time for the alarm to sound. Touch **AM** or **PM**.
 - **Alarm repeat**: Set the repeating status for the alarm by touching on the days that you want the alarm to sound. Touch the **Repeat weekly** check box to have the alarm repeat weekly.
 - **Alarm type**: Set the way in which the alarm sounds when activated: Melody, Vibration, Vibration and melody, or Briefing.

Touch **More** to display the following additional options:

- **Alarm tone**: Set the sound file, which is played when the alarm is activated. Select an option or touch Add for additional options.
- **Alarm volume**: Drag the slider to adjust the alarm's volume.
- **Location alarm**: When activated, the alarm only sounds when you are at a specific location. Touch **OFF/ON** to enable, and then follow the on-screen instructions to enter a location.
- **Snooze**: Use this option to set an Interval (3, 5, 10, 15, or 30 Minutes) and Snooze repeat (1, 2, 3, 5, or 10 Times). Touch **OFF/ON** to activate.
- **Smart alarm**: Tracks body movements and calculates the best time for sounding the alarm. Place the phone somewhere on your bed then the phone's movement sensor (also known as accelerometer) is sensitive enough to work from any part of the bed. Set the Interval and the Tone. Touch **OFF/ON** button to activate.
- **Name**: Use a specific name for the alarm. The name displays when the alarm activates.

2. Touch **Save** to store the alarm details.

Turning Off an Alarm

- To stop an alarm when it sounds, touch and sweep the icon to the right.

Setting the Snooze Feature

- To activate the Snooze feature after an alarm sounds, touch and sweep the icon to the left. Snooze must first be set in the alarm settings. For more information, refer to *"Alarm"* on page 118.

Deleting Alarms

To delete an alarm:

1. Touch **Clock** → **Alarm** → **Menu** → **Delete**.
2. Touch the alarm or alarms you want to delete. A green check mark appears next to each selection. Touch **Select all** to delete all alarms.
3. Touch **Delete**.

World Clock

World Clock displays time in hundreds of different cities, within all 24 time zones around the world.

1. Touch **Clock** ➔ **World clock**.
2. Touch **Add city** to add another city to the list.
3. Scroll through the list of cities to find the city you want to add or touch the Search bar and use the keyboard to enter the name of the city you want to add.

Tip: Touch the first letter of the city's name, to the right of the list, to find the city more quickly.

4. Touch the city.

 The list of your locations displays including the city just added.

5. To set Daylight Savings time, touch and hold a city, then touch **DST settings**. Select Automatic, Off, or 1 hour.

 If Daylight Savings Time is active, a sun symbol appears on the World Clock listing.

Deleting a World Clock Entry

1. Touch **Clock** ➔ **World Clock.**
2. Touch and hold a city, then touch **Delete**.

 – or –

 Touch **Menu** ➔ **Delete** to delete one or more entries.

Stopwatch

You can use this option to measure intervals of time.

1. Touch **Clock** ➔ **Stopwatch**.
2. Touch **Start** to start the stopwatch and touch **Lap** to mark a unit of time per lap.
3. Touch **Stop** to stop the stopwatch.
4. Touch **Restart** to continue or touch **Reset** to erase all times recorded.

Timer

You can use this option to set a countdown timer. Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).

1. Touch **Clock** ➔ **Timer**.
2. The **Minutes** field is highlighted and set to 1 minute. Use the keypad to set the number of minutes you want.
3. Touch the **Hours** field to set hours, if desired. As you touch different fields, they will become highlighted.
4. Touch the **Seconds** field to set seconds.
5. Touch **Start** to begin the timer and touch **Stop** to pause the timer.
6. After stopping, touch **Restart** to continue or touch **Reset** to set the timer back to the original setting.

Desk Clock

You can use the Desk clock when you have a desk dock and you want your phone to display the time, day, date, location, and weather conditions when it is docked.

1. Touch **Clock** ➔ **Desk clock**.
2. To display the Desk clock in full-screen mode, touch .
3. To make changes, touch **Menu** ➔ **Settings**.

 The following options are displayed while in full-screen mode:

 - **Hide status bar**: When this is checked, the status bar is hidden from view.
 - **Wallpaper**: Touch to select Desk clock wallpaper from Default, Gallery, or Same as home screen.
 - **Calendar**: Display the calendar.
 - **Weather**: Display the location, temperature, and weather conditions. Touch **OFF/ON** to enable.
 - **Dock**: Set your Dock settings such as Dock sound, Audio output mode, Desk home screen display, and Automatic unlock.

Contacts

You can manage your daily contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group.

You can also synchronize your phone Address Book with AT&T Address Book, the network backup service.

- Touch **Contacts**.

For more information, refer to *"Contacts and Your Address Book"* on page 43.

Data Manager

This app is a shortcut to your Data usage settings so you can manage your data.

- Touch **Data Manager**.

For more information, refer to *"Data Usage"* on page 147.

DeviceHelp

DeviceHelp provides online information to help with your device questions.

1. Touch **DeviceHelp**.
2. Follow the onscreen instructions for accessing helpful information.

Downloads

Use the Downloads application to manage all of your downloads from the Play Store and the Browser.

1. Touch **Downloads**.

 All of your downloads are listed.
2. Touch **Sort by size** to see your downloads sorted in size order.
3. Touch **Sort by date** to see your downloads sorted in time order.
4. Touch **Clear list** to remove all downloaded items.

Drive

Use the Google Drive app to open, view, rename, and share your Google Docs and files.

Visit drive.google.com to learn more.

Note: This app requires a Google Account.

- Touch **Drive**.

Email

Send and receive email using popular email services.

- Touch **Email**.

For more information, refer to *"Email"* on page 79.

Flipboard

Create a personalized digital magazine out of everything being shared with you. Access news stories, personal feeds and other related material. Flip through your Facebook newsfeed, tweets from your Twitter account, photos from friends and much more.

- Touch **Flipboard**.

Gallery

Use Gallery to view, capture, and manage photos and videos.

- Touch **Gallery**.

For more information, refer to *"Gallery"* on page 92.

Games

Access social and premium games. Join Game Hub to enjoy free games with your friends.

1. Touch **Games**.
2. Touch a game and follow the onscreen instructions.

Gmail

Send and receive email with Gmail, which is Google's web-based email.

- Touch **Gmail**.

For more information, refer to *"Gmail"* on page 82.

Google

Search the internet using the Google search engine.

Tip: Google Search appears by default on a Home screen.

1. From a Home screen, touch **Google**.

 – or –

 Touch **Google**.

2. Use the keyboard to enter search criteria to display matching searches.

 – or –

 Touch and speak the search criteria slowly and clearly. Google searches for the information and displays results.

 Suggestions display below the text entry area.

3. Touch a suggestion to search for that term or touch on the keyboard to start the search.

For more information, refer to *"Google Search Bar"* on page 21.

Google Settings

Quickly and easily change Google app settings to suit your preferences.

Note: You must be signed in to the application in which you want to configure. (For example, sign in to Google+ in order to configure Google+ settings).

- Touch **Google Settings**.

Google+

Stay connected and share life as it happens with Google+. Chat with friends and family, post photos, or see what others are sharing while you're on the go.

Visit google.com/mobile/+ to learn more.

Note: This app requires a Google Account.

- Touch **Google+**.

Group Play

Using Group Play, you can share documents or photos you are viewing, or music you are listening to, with other devices connected to the same Wi-Fi network as your device.

1. Touch **Group Play**.

 The first time you access Group Play, read the Disclaimer and touch **Agree**.

 The Group Play main screen displays.

2. Touch **Create group** to create a Group Play session or touch **Join group** to join a Group Play session in progress.
3. For instructions on using Group Play, touch **Menu** ➔ **Info**.

Hangouts

Google Hangouts is an online place to meet friends and family, share photos, and host video calls.

Visit google.com/+/learnmore/hangouts to learn more.

Note: This app requires a Google Account.

- Touch **Hangouts**.

For more information, refer to *"Hangouts"* on page 84.

Isis Mobile Wallet

Isis Mobile Wallet uses NFC technology to let you pay for purchases with just a tap of your phone. The Wallet holds credit, debit, and loyalty cards while organizing offers, deals, and promotions. Isis helps you manage your spending by showing you card balances and recent purchases for most of the cards in your Wallet.

1. Make sure NFC is activated on your phone. For more information, refer to *"NFC"* on page 153.
2. Touch **Wallet**.

Note: Isis Mobile Wallet requires a special SIM card. See your AT&T Customer Service representative for more information.

3. If you have not acquired your enhanced SIM card, touch **LEARN MORE** to learn more about Isis Mobile Wallet.
4. Follow the onscreen instructions to use Isis Mobile Wallet.

Local

Google Local is an application that uses Google Maps and your location to help you find destinations, such as restaurants, bars, hotels, attractions, ATMs, and gas stations. You can also add your own locations.

- Touch **Local**.

Maps

Find your current location, get directions and traffic reports, discover local businesses and attractions, and much more.

Visit google.com/maps/about/explore/mobile to learn more.

- Touch **Maps**.

Messages

The AT&T Messages app brings your texts, calls, and voicemail messages together into a single conversation thread and is accessible by phone or computer.

- Touch **Messages**.

For more information, refer to *"Messages"* on page 83.

Messaging

You can send and receive different types of messages.

- Touch **Messaging**.

For more information, refer to *"Messaging"* on page 73.

Mobile Hotspot

Use Mobile Hotspot to share your phones's mobile data connection by way of USB or as a portable Wi-Fi hotspot.

- Touch **Mobile Hotspot**.

For more information, refer to *"Tethering and Portable Hotspot"* on page 150.

Music

Music is an application that can play music files. Music supports files with extensions AAC, AAC+, eAAC+, MP3, WMA, 3GP, MP4, and M4A. Launch Music to navigate through your music library, play songs, and create playlists (music files bigger than 300 KB are displayed).

Playing Music

1. Touch **Music**.
2. Touch a library category at the top of the screen (Songs, Playlists, Albums, Artists, or Folders) to view the available music files.
3. Scroll through the list of songs and touch an entry to begin playback.
4. The following Music controls are available:


Streams the current music file to another device via Samsung Link.


Volume control and SoundAlive.


Volume control showing volume muted.


Shuffles the current list of songs randomly.


Songs play in order and are not shuffled.


Assign the current song as a Favorite.


Plays the entire song list once.


Replays the current list when the list ends.


Repeats the currently playing song.


Displays the current song in the player window.


Touch and hold to rewind the song. Touch to go to previous song.


Pause the song.


Start the song after pausing.


Touch and hold to fast-forward the song. Touch to go to next song.


Lists the current playlist songs.

Music Options

To access additional options, follow these steps:

1. Touch **Music**.
2. Touch **Menu**. The follow options are available before you play music:

Note: The following options may or may not appear depending on whether or not music is actually playing. Also, options will be different if the song you are listening to is in a playlist.

- **Add to playlist: A**dd the current music file to a selected playlist.
- **Via Bluetooth**: Scan for devices and pair with a Bluetooth headset.
- **Delete**: Delete the music file.
- **Search**: Search your device for a certain song.
- **Scan for nearby devices**: Scan for nearby devices in order to share music.
- **Settings**: Change your Music settings. For more information, refer to *"Music Settings"* on page 129.
- **End**: End the Music app.

Music Settings

The Music Settings menu allows you to set preferences for the Music app such as whether you want the music to play in the background, sound effects, and how the music menu displays.

1. Touch **Music**.
2. Touch **Menu** ➔ **Settings**.
3. Select one of the following settings:
 - **Music menu**: Select which categories you want to display. Touch each item that you want to display in the Music menu.
 - **SoundAlive**: Set a type of equalization such as Normal, Pop, Rock, Jazz, Dance, Classic, and so on.
 - **Adapt Sound**: Set Adapt sound on when your are listening with earphones to alert of incoming calls and notifications.
 - **Play speed**: Set the play speed anywhere between 0.5X and 2.0X using the slider.
 - **Music auto off**: When activated, music will automatically turn off after a set interval.
 - **Lyrics**: When activated, displays lyrics when available.
 - **Smart volume**: Automatically adjusts each track's volume to an equal level.
 - **Voice control**: Use voice commands to control the Music app.

Using Playlists

Playlists are used to assign songs to a list of preferred media which can then be grouped into a list for later playback. These Playlists can be created via either the handset's Music options menu or from within a 3rd party music application (such as Windows Media Player) and then downloaded to the handset.

Creating a Playlist

1. Touch **Music**.
2. Touch the **Playlists** tab.
3. Touch **Menu** ➔ **Create playlist**.
4. Type a name for this playlist in the field and touch **OK**.
5. Add music to the playlist.

Adding Music to a Playlist

To add files to the playlist:

1. Touch **Music**.
2. Touch the **Playlists** tab.
3. Touch the playlist name to which you want to add music.
4. Touch **Add music**.
5. Touch the check box to the left of each track you want to add to this playlist. Touch **Select all** to add all the music tracks to this playlist
6. Touch **Done**.

Removing Music from a Playlist

To remove music files from a playlist:

1. Touch **Music**.
2. Touch the **Playlists** tab.
3. Touch the playlist name from which you want to delete music.
4. Touch **Menu** ➔ **Remove**.
5. Touch the check box to the left of each track you want to remove from this playlist. Touch **Select all** to remove all the music tracks from this playlist.
6. Touch **Remove**.

Editing a Playlist

Besides adding and removing music files in a playlist, you can also rename the playlist.

1. Touch **Music**.
2. Touch **Playlists**.
3. Touch **Menu** ➔ **Edit title**.
4. Touch a playlist name to edit.
5. Enter a new name for the playlist then touch **OK**.

My Files

Manage your sounds, images, videos, bluetooth files, Android files, and other memory card data in one convenient location.

1. Touch  **My Files** ➔ **All files**.
2. Touch **Device storage** to see the contents of your internal SD card.

Note: Different folders may appear depending on how your phone is configured.

3. If you have an external SD card inserted, touch **SD memory card** to see the contents of your external SD card (memory card).
4. Touch a folder and scroll down or up until you locate a file.

Note: You may have to touch one or more sub-folders before you encounter files.

5. Touch a file to launch it in the associated application, if the file is associated with an application.
6. While browsing files, use these controls:

 **Home**: Display the root directory.

 Up: Display a higher directory.

 **Menu**: Displays the following options:

- **Select all**: Mark all files or folders.
- **Create folder**: Create a new folder.
- **Search**: List files and folders that contain the keywords you enter with the onscreen keyboard.
- **View by**: Set how you want to view files and folders.
- **Sort by**: Set the order in which you want to view files and folders.
- **Settings**: Manage My Files settings.

Mark files: Touch the box to the left of each file or next to the folder to select all files in the folder. Then touch **Delete** in the Application bar to delete the selected items. Touch **selected** to **Select all** or **Unselect all**.

More options: Once files or folders are marked, touch this icon to move, copy, or rename the file or folder, or view details about the file or folder.

7. To view a photo file:
 - Touch the file.

 The Gallery app is used to open the photo. For more information, refer to *"Viewing Your Photos"* on page 89.
8. To view a video file:
 - Touch the file.

 The Video Player is launched and plays the video. For more information, refer to *"Video"* on page 142.

myAT&T

Use myAT&T to manage your own AT&T account. You can review and pay your bill, check minutes and data usage, upgrade to a new device, or change your rate plan.

Note: The first time you use myAT&T, you will need to download the updated application from the Play Store. When the Play Store page displays, touch **Update**. For more information, refer to *"Play Store"* on page 135.

Using myAT&T

1. Touch **myAT&T**.
2. Enter your **User ID** and **Password,** using the onscreen keyboard, and touch **Login**.
3. Follow the onscreen instructions.

Navigation

Navigation is an internet-connected GPS navigation system with voice guidance. You can type or speak your destination.

Note: For voice-guided navigation, you need to install text-to-speech support from the Play Store.

Launching Navigation

- Touch **Navigation**.

Navigation Menu

While viewing a map:

- Touch **Menu**, in the lower left corner of the screen, for options.

To configure Navigation settings:

- Touch **Menu** ➔ **Settings**.

 Follow the onscreen instructions.

For more information touch **Menu** ➔ **Help**.

Phone

Use the Phone application to access the dialer keypad, call logs, and favorites.

- Touch **Phone**.

For more information, refer to *"Call Functions"* on page 58.

Photos

Automatically save every photo you take with your device to your Google+ account. Then it is easy to view, organize, and share them with friends and family of your choice.

Visit google.com/+/learnmore/photos to learn more.

Note: This app requires a Google Account.

- Touch **Photos**.

Play Books

Discover more than 3 million free e-books and hundreds of thousands more to buy in the eBookstore.

Visit play.google.com/store/books to learn more.

Note: This app requires a Google Account.

- Touch **Play Books**.

Play Games

Discover hundreds of games for download and purchase through the Google Play Store.

Visit play.google.com/store/apps/category/GAME to learn more.

Note: This app requires a Google Account.

- Touch **Play Games**.

Play Movies & TV

Watch movies and TV shows purchased from Google Play. You can stream them instantly, or download them for viewing when you're not connected to the Internet. You can also view videos saved on your device.

Visit play.google.com/store/movies to learn more.

Note: This app requires a Google Account.

- Touch **Play Movies & TV**.

Play Music

With Google Play Music, you can play music you've downloaded, and music you copied from your computer.

Visit play.google.com/about/music to learn more.

Note: This app requires a Google Account for some features.

- Touch **Play Music**.

Play Newsstand

Subscribe to your favorite magazines so you can have them available to read on your device at your leisure.

Visit play.google.com/store/newsstand to learn more.

Note: This app requires a Google Account.

- Touch **Play Newsstand**.

Play Store

All your favorite apps, movies and tv shows, music, books, magazines, and games are available in Google Play Store.

Visit play.google.com/store to learn more.

Note: This app requires a Google Account.

- Touch **Play Store**.

POLARIS Office 5

This application is a Microsoft Office compatible office suite that provides a central place for managing your documents online or offline.

The application can also open Adobe PDF (Portable Document Format) files.

1. Touch **Polaris Office 5**.
2. Enter your Email information, if desired, and touch **Register** to complete the process.

 – or –

 Touch **Skip** to ignore this registration.

 The main Polaris Office screen displays.
3. To get help for using Polaris Office, touch **Menu** → **Help** → **User Guide**.

S Memo

The S Memo application can be used to create memos using the keyboard, your finger, or both. You can add images, voice recordings, and text all in one place.

Creating a New Memo

1. Touch **S Memo**.
2. Touch an existing Memo to open it then touch the screen to enter edit mode.

 – or –

 Touch to start a new memo in text mode with the keyboard displayed.

 – or –

 Touch to start a new memo in drawing mode using your finger or a compatible onscreen writing tool. You can change back and forth in a memo to add text with the keyboard and the pen.

Memo Viewing Options

While viewing your Memos:

1. Touch **Menu** ➔ **List view** to view your memos in a list mode.

 – or –

 Touch **Menu** ➔ **Thumbnail view** to view your memos in a thumbnail mode.
2. To delete one or more memos, touch **Menu** ➔ **Delete**, select one or all memos, and touch **Delete**.
3. Touch and hold a memo thumbnail or list entry to display the following options: Delete, Share via, Export, Copy, Rename, Lock/Unlock, and Print.

Memo Options

While viewing a Memo:

- Touch **Options** for the following options: Delete, Share via, Export, Add to Favorites, Create event, Set as, and Print.

S Translator

Use S Translator to translate text speech composed of any of 9 written or spoken languages to or from UK English or US English.

With the S Translator you can easily translate words and phrases into many different languages.

1. Sign in with your Samsung Account if you have not already done so.
2. Touch **S Translator**.
3. At the S Translator screen, touch the top language bar and enter a language.
4. Touch the language bar at the bottom of the screen to select a different language.
5. Enter text into the upper box and touch .

 The translated text displays in the lower box translated into that language.

 – or –

 Enter text into the lower box and touch .

 The translated text displays in the upper box translated into that language.
6. Touch either of the **Speak** buttons at the bottom of the screen to translate using either language by using your voice. The translation displays automatically in the appropriate box.
7. Touch **Menu** for additional options.

S Voice

With the S Voice application you can use your voice to perform operations that you would normally have to do by hand such as dialing a phone number, texting a message, playing music, and so on.

1. Touch **S Voice**.
2. Read the Samsung Disclaimer then touch **Confirm** to continue.
3. Read the Vlingo Terms of Service then touch **Agree** to continue.
4. Read the information on the **About S Voice** screen, then touch **Next**.

5. Read the information on the **Say what you want** screen, then touch **Next**.
6. Read the information on the **Wake up S Voice** screen, then touch **Next**.
7. Read the information on the **Edit what you said** screen, then touch **Next**.
8. Read the information on the **Help** screen, then touch **Finish**.
9. At the S Voice screen, touch  or say “Hi Galaxy” to wake up S voice.
10. Speak into the phone and follow the onscreen instructions.
11. Touch **Menu** for additional options.

Samsung Apps

With Samsung Apps, you can download hundred of applications from a variety of categories.

1. Sign in to your Samsung account, if you have not already done so.
2. Touch **Samsung Apps**.
3. Touch an application that you would like, then follow the onscreen instructions to download.
4. Touch **Menu** ➔ **Help** for additional information.

Samsung Link

This application wirelessly synchronizes your Samsung device with your TV, streams content, and even keeps tabs on who calls or sends text messages with real-time, on-screen monitoring. Samsung Link makes staying connected easy.

Samsung Link allows users to share their in-device media content with other external devices using DLNA certified™ (Digital Living Network Alliance) Devices. These external devices must also be DLNA-compliant. Wi-Fi capability can be provided to TVs via a digital multimedia streamer.

Important! You must first connect both of your communicating devices to the same Wi-Fi. For more information, refer to *"Wi-Fi"* on page 147.

1. Touch **Samsung Link**.
2. Touch **Download**.
3. Touch **Update**.

 If you have not signed in to your Samsung account, the Samsung account screen displays. Touch **Sign in** to sign into your Samsung Account or create a new account.

 The Samsung Link app is downloaded and installed.
4. Touch **Open**.
5. Touch **Get started** and follow the onscreen prompts.
6. Scroll across the application screen to view either **MY RECENT CONTENT** or **DEVICES & STORAGE**.
7. The DEVICES & STORAGE screen contains two separate streaming media options:
 - **Registered storage**: Receive and playback media stored externally (server, laptop, and so on) directly on your device by adding a Web storage service for streaming content.
 - **Registered devices**: Stream/share selected multimedia content from your device to DLNA compliant device connected to the same Wireless Access Point.

Configuring Samsung Link Settings

Samsung Link must first be configured prior to its initial use. You must set up parameters such as connected Wi-Fi, Items to share, source server address, and external device acceptance rights.

1. Touch **Samsung Link**.
2. Touch **Menu** ➔ **Settings** and configure the following settings as desired:
 - **Registered storage**: Add a Web storage location. Without a storage service/location added, you will not be able to use Samsung Link.

- **My device**: Displays your device name as it is used with Samsung Link. Touch to change the device name.
- **Save to**: Save your media to your internal phone memory or to an SD card.
- **Auto upload**: Enable automatic upload of images from your device to those storage locations specified within the Web storage list. Touch **OFF/ON** to enable.
- **Video optimization**: Set up the video quality for streamed video content. Touch **OFF/ON** to enable.
- **Password lock**: Restrict access to Samsung Link by requiring a user enter the currently active and associated Samsung account password. Touch **OFF/ON** to enable.
- **My account**: Samsung account information.
- **Customer support**: Contact the Samsung Link team by way of a new email from an available email account.
- **About this service**: Display application information

Using Samsung Link to Share Media with a Target Device

Make sure all communicating devices are connected to the same Wi-Fi.

1. Launch Samsung Link on the target device, such as an Internet TV or Samsung Tablet.
2. Touch **Samsung Link**.

Note: You must be signed in to your Samsung Account before you can use this feature.

3. On the DEVICES & STORAGE screen, touch your device name in the **Registered devices** area.
4. Touch an available category tab (photo, music, video, or document) and select a file.
 - A file marked with N indicates it is stored remotely on a Web storage location. Selecting this media causes your device to access the file currently stored on your services' servers.

5. The following options are available:



Send files directly to a target device. Touch an available onscreen file, image, or video to place a check mark beside it. Touch **Done**. In the Select a device pop-up, touch the target device.



Share files by using AT&T Locker, Bluetooth, ChatON, Email, and so on.



Play one or more music or video files stored on the target device. Touch an available onscreen music or video file to place a check mark beside it. Touch **Done**.



Select an available target device and stream files to it. On a target device, such as an Internet TV, select the onscreen **Allow** button to continue.



Touch files to place a check mark beside them. Touch **Done** to delete the files.

For additional information, touch **Menu** ➔ **Help**.

Settings

Configure your device to your preferences. It includes such settings as: display, security, memory, and any extra settings associated with your phone.

- Touch **Settings**.

For more information, refer to *"Settings"* on page 146.

Story Album

With Story Album, you can create a digital Album of your story in media. Special moments will be on a timeline, and if you want, you can have your album published as a hard copy.

1. Touch **Story Album**.
2. Read the introductory information and touch **Next**.
3. Touch **Start** to begin your Story Album.
4. Follow the onscreen instructions.

TripAdvisor

Use TripAdvisor to plan and have your perfect trip. TripAdvisor gives you access to traveler reviews and opinions, which makes it easier to find the best hotels, restaurants, and fun things to do.

Note: This app requires a Samsung account.

1. Touch **TripAdvisor**.
2. Follow the onscreen instructions to use TripAdvisor.
3. Touch **Menu** for additional options.

Video

The Video application plays video files stored on your phone or microSD card.

1. Touch **Video**.

 All videos that you have on your phone and memory card display.

2. Touch the video that you want to play.

While the video plays, the following video controls are available:


Streams the current video file to another device via Samsung Link.


Volume control.


Volume control showing volume muted.


Full-screen in ratio view. The video is enlarged as much as possible without becoming distorted.


Full-screen view. The entire screen is used, which may cause some minor distortion.


Original size view. The video is played in its original size.


Stretch to fit. The video is enlarged to fit the screen without becoming distorted.


Press and hold to rewind the video. Touch to go to previous video.



Pause the video.



Start the video after being paused.



Press and hold to fast-forward the video. Touch to go to next video.



PIP (Picture In Picture) view. The video is played in a small window so you can use your phone for other purposes while watching the video.
Double-tap the screen to return to previous size.

Note: The screen view icons are a four-way toggle. The icon that is displayed, is the mode that will display after the icon is touched.

3. Touch **Menu** for additional options.

Voice Recorder

Record your voice or other sounds, and share recordings by using Bluetooth, Messaging, Gmail, and so on. Recording time varies based on the available memory within the phone.

1. Touch **Voice Recorder**.
2. To start recording, touch **Record** and speak into the microphone.
3. During the recording process you can either touch **Stop** to stop and save the recording or **Pause** to temporarily halt the recording. After pausing, touch **Record** to resume recording. Once the audio recording has stopped, the message is automatically saved. Touch **Cancel** to cancel the recording without saving.
4. Touch **Recorded files** to display a list of all your voice recordings. Touch a voice recording to play it.
5. Touch **Recording quality** to adjust the recording quality. Choose either Normal or High quality recording.
6. Touch **Menu** for additional options.

Voice Search

The Google Voice Search application can be used to search the web using only your voice.

1. Touch **Voice Search**.
2. When the Google Voice Search screen displays, speak the word or words that you would like to search for on the internet.
3. If the timer expires and the mic icon changes from red to gray, touch the mic icon and speak the word or words that you would like to search for on the internet.
4. The following options are available:
 - **Web**: After selecting a different option, touch Web to return to the original search results.
 - **Images**: Display images for your search.
 - **News**: Display news articles on your searched item.
 - **MORE**: Touch MORE and sweep your screen to the left to see additional options such as Shopping, Videos, Books, and so on.
 - **Phone**: Display a phone number, if applicable.

WatchON

Use the Samsung WatchON application to use your phone as a remote control for your TV, set top box, DVR, Blu-Ray/DVD, stereo or other device.

Important! Before initiating use, verify you have an active Internet connection available (either mobile network or Wi-Fi connection).

Set Up WatchON

1. Touch **WatchON**.
2. Follow the prompts to configure WatchON options, such country/region, TV service provider, channel list setup, etc.

Note: Touch **Menu** ➔ **Help** to learn more about WatchON.

Configure Your Device as a Remote

1. From the toolbar, touch **Remote Control**.
2. Touch **Set up now** at the prompt.
3. Follow the instructions to find your TV or other devices and configure your phone to control their operation.

YouTube

YouTube is a video sharing website on which users can upload and share videos. The site is used to display a wide variety of user-generated video content, including movie clips, TV clips, and music videos, as well as video content such as video blogging, informational shorts and other original videos.

Note: YouTube is a data-intensive feature. It is recommended that you upgrade to a large data plan to avoid additional data charges.

- Touch **YouTube**.

YP

The Yellowpages Mobile application provides quick and ready access to businesses, map locations, and storage of your favorite searches. Use YP to tap into local businesses, locations, and events, and connect to your search in real-time.

- Touch **YP**.

Section 9: Settings

This section explains the settings used for customizing your device. If settings are described in another section of this user manual, then a cross reference to that description is provided.

Accessing Settings

- From a Home screen, touch **Apps** ➔ **Settings**.

 – or –

 From a Home screen, touch **Menu** ➔ **Settings**.

 – or –

 From any screen, touch the top of the screen and swipe downward, to display the Notification Panel, and then touch **Settings**.

 The Settings screen displays.

Settings Tabs

The Settings are divided into four main groups. When the Settings screen displays, the following four tabs are located at the top of the screen:



Connections: Touch this tab to see all settings related to the connection of your device to external sources, such as, Wi-Fi, Bluetooth, and Nearby devices.



My device: Touch this tab to access device configuration and customization features, such as, Lock screen, Display, Sound, Power saving mode, and Accessibility.



Accounts: Touch this tab for both the ability to create and modify your accounts (such as, Samsung account, Email, and Google account) and access Backup and reset features.



More: Touch this tab to access the remaining set of device settings not listed under the other three tabs, such as, Location services, Security, Application manager, and About device.

Note: The settings for your device are described below in the order that they appear within the Settings menu. Options under the Connections tab are listed first, followed by My device, Accounts, and More settings.

Wi-Fi

Wi-Fi is a wireless networking technology that provides access to local area networks.

Wi-Fi communication requires access to an existing Wi-Fi network. Wi-Fi networks can be Open (unsecured), or Secured (requiring you to provide login credentials).

For information on how to use Wi-Fi, see *"Wi-Fi"* on page 95.

Wi-Fi Direct

Wi-Fi Direct allows device-to-device connections so you can transfer large amounts of data over a Wi-Fi connection.

For information on how to use Wi-Fi Direct, see *"Wi-Fi Direct"* on page 98.

Bluetooth

Bluetooth is a short-range communications technology that is used to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless devices. The Bluetooth communication range is usually up to approximately 30 feet.

For more information, refer to *"Bluetooth"* on page 100.

Data Usage

From this screen you can view your Mobile data usage and turn your Mobile data capability On or Off.

1. From the **Settings** screen, touch Connections **Connections** ➔ **Data usage**.
2. Touch **Mobile data** to create a check mark and turn Mobile data usage on.
3. Touch **Set mobile data limit** to create a check mark and allow a data limit to be set.
4. Touch and drag the red limit bar up or down to the desired GB limit.

5. Touch the **Data usage cycle** drop-down menu and select a date.

 The data usage displays as a chart and also displays a list of each application with a breakdown of how much data was used per application.

Note: Data is measured by your device. Your service provider may account for data usage differently.

6. Touch **Menu** to display additional options. Touch to activate.
 - **Data roaming**: Enable data roaming on your device.
 - **Restrict background data**: Restrict some apps and services from working unless you are connected to a Wi-Fi network.
 - **Auto sync data**: Set your accounts to automatically sync.
 - **Show Wi-Fi usage**: Display a Wi-Fi tab that shows Wi-Fi usage.
 - **Mobile hotspots**: Display available mobile hotspots.

More Networks

This option displays additional connectivity information.

- From the **Settings** screen, touch **Connections** ➔ **More networks**.

Airplane Mode

Use Airplane mode when you are in an airplane or in any other area where making or receiving calls or data is prohibited. When Airplane mode is active, you can still use many of your phone's features, such as Camera, Games, and more.

- Press and hold the **Power** button then touch **Airplane mode**.

 – or –

 From a Home screen, touch the top of the screen and swipe downward to display the Notification Panel. Touch to display additional options and then touch **Airplane mode**.

 – or –

From the **Settings** screen, touch **Connections** ➔ **More networks** and then touch the **Airplane mode** check box to create a check mark and activate the feature.

Important! When your phone is in Airplane Mode, it cannot send or receive any calls or access online information or applications.

Note: When enabled, the Airplane mode icon displays in the Notification Bar.

Mobile Networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Mobile networks options.

- Touch **Mobile networks** for options:
 - **Mobile data**: Touch to activate the feature. To enable data access over the mobile network, this option must be selected. It is set on by default.
 - **Data roaming**: Touch to create a check mark and activate the feature. Data roaming causes your device to connect to your service provider's partner networks and access data services when you are out of your service providers area of coverage.
 - **Enhanced 4G LTE services**: Touch Enhanced 4G LTE mode to enable enhanced voice and communications using LTE data. Enabling this option is recommended.
 - **Access Point Names**: To use Wi-Fi you need access to a wireless access point (hotspot). Touch to display a list of the Access Point names. The active access point displays a green, filled circle to the right of the name.
 - **Network operators**: Using this feature you can view the current network connection. You can also scan and select a network operator manually, or set the network selection to Automatic. The current network connection displays at the bottom of the list.

Important! You must deactivate data service prior to searching for an available network.

Note: Connecting to 2G networks slows the data transfer speed and time.

Default Setup Options

Your phone default is set to Automatic, which causes your phone to automatically search for an available network.

To select a network each time you connect, set this option to Manual:

1. From the **Settings** screen, touch **Connections** ➔ **More networks** ➔ **Mobile networks**.
2. Touch **Network operators**.
3. Touch **Default setup**.
4. Touch **Manual** to locate and connect to a network manually or touch **Automatic** to allow the device to automatically select a network.

AT&T MicroCell

To search for an AT&T MicroCell:

1. From the **Settings** screen, touch **Connections** ➔ **More networks** ➔ **Mobile networks**.
2. Touch **Network operators** ➔ Touch **Search for AT&T MicroCell**.

Your AT&T MicroCell must be installed and activated before you can connect to it. For more information, visit att.com/esupport.

Tethering and Portable Hotspot

Use this option to share your phones's mobile data connection with a portable Wi-Fi hotspot or USB tethering.

Mobile Hotspot

Note: To enable Mobile Hotspot on your phone, dial 611 or go to att.com/mywireless to set up the service.

1. From a Home screen, touch **Apps** ➔ **Mobile Hotspot**.

 – or –

 From the **Settings** screen, touch **Connections** ➔ **More networks** ➔ **Tethering and portable hotspots** ➔ **Mobile Hotspot**.

 The Mobile Hotspot screen displays.
2. Touch **OFF/ON** to enable the feature.

Note: When enabled, the Mobile Hotspot icon displays in the Notification Bar.

3. Follow the onscreen instructions to use Mobile Hotspot.

USB Tethering

Note: To enable USB tethering on your phone, dial 611 or go to att.com/mywireless to set up the service.

1. From the **Settings** screen, touch **Connections** ➔ **More networks** ➔ **Tethering and portable hotspot**.
2. Connect your phone to your PC using a USB cable.
3. Touch **USB tethering** to add a check mark and activate the feature.

Note: When enabled, the USB tethering icon displays in the Notification Bar.

4. Follow the onscreen instructions to use USB tethering.

Help

- From the **Tethering and portable hotspot** menu, touch **Help** for additional information.

VPN

The VPN settings menu can be used to set up and manage Virtual Private Networks (VPNs).

Before using VPN, you must first set up a screen unlock PIN or password. For more information, refer to *"Lock Screen"* on page 155.

Important! Before you can use a VPN you must establish and configure one.

Adding a Basic VPN

Before you add a VPN you must determine which VPN protocol to use: PPTP, L2TP/IPSec PSK, L2TP/IPSec RSA, IPSec Xauth PSK, IPSec Xauth RSA, or IPSec Hybrid RSA.

1. From the **Settings** screen, touch **Connections** ➔ **More networks** ➔ **VPN**.
2. Touch **Basic VPN**.
3. Touch **Add**.
 - Enter a name for the VPN network in the **Name** field.
 - Select a VPN type from the **Type** drop-down menu.
 - Enter the Server address and any other required fields that are dependent upon the **Type** you entered previously.
 - Touch the **Show advanced options** check box to display additional VPN options.
4. Touch **Save** to save your VPN settings.

Adding an IPsec VPN

1. From the **Settings** screen, touch **Connections** ➔ **More networks** ➔ **VPN**.
2. Touch **Advanced IPsec VPN**.
3. Touch **Add VPN Connection**.
 - Enter a password, confirm the password, and touch **OK**.
 - Enter a name for the VPN connection in the **VPN connection name** field.
 - Select a IPsec connection type from the drop-down menu.
 - Enter any other required information.
 - Touch **Show advanced options** to display additional VPN options.
4. Touch **Save** to save your VPN settings.

NFC

Use NFC (Near Field Communication) to share information between your phone and another NFC device by touching the devices together, typically back-to-back. This is used for applications such as Android Beam and S Beam.

1. From the **Settings** screen, touch **Connections** ➔ **NFC**.
2. Touch **OFF/ON** to enable NFC.

Note: NFC must be turned on to use Android Beam or S Beam.

Android Beam

When Android Beam is activated, you can beam app content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more.

1. From the **Settings** screen, touch **Connections** ➔ **NFC** ➔ **Android Beam**.
2. Touch **OFF/ON** to enable Android Beam.
3. Touch the back of your device with another NFC-capable device to transfer the content.

S Beam

When S Beam is activated, you can beam files to another NFC-capable device by holding the devices close together. You can beam images and videos from your Gallery, music files from your Music app, and more.

1. From the **Settings** screen, touch **Connections** ➔ **S Beam**.
2. Touch **OFF/ON** to enable S Beam.
3. Touch the back of your device with another NFC-capable device to transfer the content.

Nearby Devices

Share your media files with nearby devices using DLNA (Digital Living Network Alliance) standards, over Wi-Fi.

1. Connect to a Wi-Fi network. For more information, refer to *"Wi-Fi Direct"* on page 147.
2. From the **Settings** screen, touch **Connections** ➔ **Nearby devices**.

 The Nearby devices screen displays.
3. Touch the **File sharing** check box to create a check mark and activate File sharing.
4. At the Nearby devices prompt, touch **OK**.

Note: When enabled, the Nearby devices icon displays in the Notification Bar.

5. In the Advanced section, set the following options:
 - **Shared contents**: Select the content to share. Choices are: Videos, Photos, and Music.
 - **Allowed devices list**: Indicate the devices accessible to your device.
 - **Not-allowed devices list**: Indicate the devices not accessible to your device.
 - **Download to**: Set whether to download data to Device or SD card.
 - **Upload from other devices**: If a nearby device attempts to upload data, this setting indicates the response. Options are: Always accept, Always ask, and Always reject.

Screen Mirroring

Use the Screen Mirroring feature to share media files on your phone with an HDMI device, such as an HDMI TV.

Note: This feature requires an optional AllShare Cast dongle accessory. See your AT&T Customer Service Representative for more information.

1. From the **Settings** screen, touch **Connections** ➔ **Screen Mirroring**.
2. Connect the AllShare Cast dongle to the HDMI device using an HDMI A-to-A cable.
3. Touch **Menu** ➔ **Help** for more information.

Kies via Wi-Fi

Kies via Wi-Fi can be used to sync your PC wirelessly with your device provided they are both on the same Wi-Fi network. You can view and share videos, photos, music, ringtones, and more.

1. From your PC:
 - Download the Samsung Kies application, if you have not already done so. You can find it at samsung.com/us/support/downloads.
 - Launch the Samsung Kies application.
 - Connect to a Wi-Fi network.
2. From your phone:
 - From the **Settings** screen, touch **Connections** ➔ **Kies via Wi-Fi**.
 - Connect to the same Wi-Fi network that your PC is connected to, if you have not already done so. For more information, refer to *"Connect to a Wi-Fi Network"* on page 95.

Lock Screen

Choose settings for unlocking your screen. For more information about using the lock and unlock features, see *"Securing Your Device"* on page 14.

Screen Lock

1. From the **Settings** screen, touch **My device** ➔ **Lock screen**.
2. Touch **Screen lock** for these options:
 - **Swipe**: Swipe the screen to unlock it.
 - **Face unlock**: Look at your phone to unlock it.
 - **Face and voice**: Look at your phone and speak to unlock.
 - **Pattern**: A screen unlock pattern is a touch gesture you create and use to unlock your device. Follow the prompts to create or change your screen unlock pattern.
 - **PIN**: Select a PIN to use for unlocking the screen.
 - **Password**: Create a password for unlocking the screen.
 - **None**: No pattern, PIN, or password is required. The screen will never lock.

Lock Screen Options

The following options are available depending on the Screen Lock type that you have selected.

Swipe Options

The options available when Screen lock is set to Swipe are:

- **Multiple widgets**: Display multiple widgets on your lock screen. Appears as an option after a lock mode is enabled.
- **Lock screen widgets**: Lock the widgets that are displayed on your home screens.
- **Shortcuts**: Set shortcuts to appear at the bottom of the Lock screen. Touch **OFF/ON** enable the feature.
- **Unlock effect:** Set the visual effect you receive when unlocking the phone.
- **Help text:** Show help information on the Lock screen.
- **Wake up in lock screen**: Requires you to say a command to wake-up your phone.
- **Set wake-up command**: Designate your wake-up commands. Touch Set wake-up command and follow the onscreen prompts to create a new verbal command.

Face Unlock Options

These options are available when Screen lock is set to Face unlock or Face and voice:

- **Lock screen widgets**: Lock the widgets that are displayed on your home screens.
- **Improve facial recognition**: Improve your device's face matching capability by capturing your face in different lighting, with or without glasses, and bearded or clean-shaven. Follow the onscreen instructions.
- **Presence check:** Requires you to blink when using the Face unlock feature. This will increase the security of the feature.
- **Make pattern visible**: See the pattern as you draw it.
- **Secured lock time**: Set a time-out for lock screen.

Pattern Options

These options are available when Screen lock is set to Pattern:

- **Lock screen widgets**: Lock the widgets that are displayed on your home screens.
- **Make pattern visible**: See the pattern as you draw it.
- **Secured lock time**: Set a time-out for lock screen.

PIN and Password Options

These options are available when Screen lock is set to Pin or Password:

- **Lock screen widgets**: Lock the widgets that are displayed on your home screens.
- **Secured lock time**: Set a time-out for lock screen.

Display

In this menu, you can change various settings for the display.

- From the **Settings** screen, touch 

My device ➔ **Display**.

 The following options display:

 - **Wallpaper**: Set the Wallpaper for your Home screen, Lock screen, or both. For more information, refer to *"Wallpapers"* on page 32.
 - **Notification panel**: Set the brightness of your Notification Panel and also select the quick setting buttons that you want to display at the top of the Notification Panel. For more information, refer to *"Notification Bar"* on page 24.
 - **Screen mode**: Select from several different color modes.
 - **Brightness**: Configure the LCD Brightness levels. Touch Automatic brightness to allow the phone to self-adjust or drag the slider and touch OK.
 - **Auto rotate screen**: Switch the display orientation automatically when you rotate the phone.

- **Screen timeout**: Adjust the delay time before the screen automatically turns off. Selections are: 15 seconds, 30 seconds, 1 minute, 3 minutes, 5 minutes, and 10 minutes.
- **Daydream**: Control what your screen does when your device is docked or sleeping. Touch **OFF/ON** to turn it on. Follow the onscreen instructions.
- **Font style**: Set the font style that your phone will use. You can also touch Get fonts online to choose from a wider selection.
- **Font size**: Select which size of font displays.
- **Touch key light duration**: Adjust the delay before the Touch key light automatically turns off.
- **Show battery percentage**: Display the battery charge percentage next to the battery charge icon at the top of the display.
- **Edit after screen capture**: Go edit a screen immediately after taking a screen capture.
- **Auto adjust screen tone**: Save power by adjusting the screen tone according to an analysis of the images.

LED Indicator

This option is used to turn on your LED lights for charging, missed events, and incoming notifications. The light will turn on by default unless you turn them off.

- From the **Settings** screen, touch 

My device ➔ **LED indicator**.

3. Touch the following LED indicator options to turn them on or off:
 - **Charging**: LED lights up when the device is connected to the charger.
 - **Low battery**: LED lights up when the battery level is low.
 - **Notifications**: LED lights up when you have missed calls, messages, or application events.
 - **Voice recording**: LED lights up when you are recording voice. The LED only lights up when the screen is off.

Sound

From this menu you can control the sounds on the phone.

- From the **Settings** screen, touch **My device** ➔ **Sound**.

 The following options display:

 - **Volume**: Change the volume for all phone sounds in one easy location. Touch and drag the sliders to adjust the sound volume for Music, video, games and other media, Ringtone, Notifications, and System. Touch **OK**.

 Ringtones and notifications

 - **Ringtones**: Set the ringtone. Touch a ringtone and touch **OK**.

 – or –

 Touch **Add** to select a file from your music files.
 - **Vibrations**: Set your phone to vibrate and ring. Select a vibration pattern and touch **OK**.

 – or –

 Touch **Create** and follow the onscreen instructions to create your own vibration.
 - **Default notification sound**: Set the ringtone that will sound for notifications and alarms. Touch a ringtone and touch **OK**.
 - **Vibrate when ringing**: Enable your phone to vibrate whenever it rings. Touch **Vibrate when ringing** to create a check mark and enable the feature.

 System

 Touch any of the following options to create a check mark and activate the feature:

 - **Dialing keypad tone**: Makes a sound when you touch a key on the keyboard.
 - **Touch sounds**: Makes a sound when you touch the screen.
 - **Screen lock sound**: Makes a sound when your screen is locked or unlocked.

 More Settings

 - **Adapt Sound**: Customize your call sounds. Touch **Adapt Sound**, read the instructions, and touch **Start**.

 Follow the onscreen instructions to set up your personal call sound.

Home Screen Mode

Home screen mode is used to set your display to the conventional layout of **Standard mode** or provide an easier user experience for the first-time smartphone users using **Easy mode**.

1. From the **Settings** screen, touch **My device** ➔ **Home screen mode**.
2. Touch the radio button to select one of these options:
 - **Standard mode**: Use a conventional layout for the apps and widgets on your home screens.
 - **Easy mode**: Use an easier user experience for first-time smartphone users on the home screens.
3. Touch **Apply**.

Call

To access the Call settings menu:

- From the **Settings** screen, touch **My device** ➔ **Call**.

 – or –

 From a Home screen, touch **Phone** ➔ **Menu** ➔ **Call settings**.

 The following options display.

Call Rejection

1. Touch **Auto reject mode** for options:
 - **Off**: Turn Auto reject mode off.
 - **All numbers**: Reject all calls.
 - **Auto reject numbers**: Reject all calls in your Reject list.
2. Touch **Auto reject list** and then touch **Create** to manually add numbers to the Reject list.
3. Touch **Unknown**, to create a check mark and automatically reject all calls that are not in your Contacts list.

Set Up Call Rejection Messages

1. Touch **Create** to manually add a reject message.

 – or –

 Touch one of the pre-written messages to be displayed when you want the call to be rejected. You can edit the message, if desired.

2. Touch **Save** to save the reject message.
3. Touch **Delete** to remove messages.

Answering/Ending Calls

The following options are available:

- **The home key answers calls**: Accept incoming calls by pressing the Home key.
- **Voice control**: Accept incoming calls by using your voice.
- **The power key ends calls**: Press the **Power/Lock** key to end a call without turning off the screen.

Turn Off Screen During Calls

This option turns on the proximity sensor during calls so that your phone will know to turn the screen off to save power.

- Touch **Turn off screen during calls** to create a check mark and enable the feature.

Call Alerts

Touch the following options to create a check mark and activate the features:

- **Answer vibration**: Set your phone to vibrate when the called party answers the phone.
- **Call-end vibration**: Set your phone to vibrate when the call ends.
- **Call connect tone**: Play a tone when a call is connected.
- **Minute minder**: Beep twice every minute that you are on a call.
- **Call end tone**: Play a tone when a call is ended.
- **Alerts on call**: Turn on alarm and message notifications during a call.

Call Accessories

The following options are available:

- **Automatic answering**: Automatically answer an incoming call when a headset is detected.
- **Automatic answering timer**: Configure the time delay before the device automatically accepts the incoming call.
- **Outgoing call conditions**: Make calls even when the device is locked.

Additional Settings

Touch one of the following options:

- **Caller ID**: Choose how your Caller ID will be displayed. Select Network default, Hide number, or Show number.
- **Call forwarding**: Forward your calls to another number.
- **Auto area code**: Automatically prepend a specific area code to all outbound calls.
- **Call waiting**: The network service informs you when someone is trying to reach you during another call. Touch to activate.
- **Auto redial**: Automatically redial the last number, if the call was either cut off or was unable to connect. Touch to activate.
- **Fixed dialing numbers**: Restrict outgoing calls to a limited set of phone numbers. For more information, refer to *"Using Fixed Dialing Numbers"* on page 71.

Ringtones and Keypad Tones

1. Touch **Ringtones**, select a ringtone, and touch **OK**.
2. Touch **Vibrations**, select a vibration type, and touch **OK**.
3. Touch **Vibrate when ringing** to create a check mark, if you want your phone to vibrate when a call is incoming.
4. Touch **Keypad tones** to create a check mark, if you want tones to play when the keypad is touched.

Personalize Call Sound

Use this option to personalize the sounds you hear during a call with and without earphones.

At the Personalize call sound display, touch one of the following options:

- **In-call sound EQ**: The In-call sound equalizer allows you to set your call sound during calls. Select from Off, Soft sound, Clear sound, Adapt Sound left, or Adapt Sound right.
- **Adapt Sound**: Customize your sounds. Follow the onscreen instructions to set up your personal call sound.

Noise Reduction

This option helps to suppress background noise from your side during a call.

- Touch **Noise reduction** to create a check mark and enable the feature.

Increase Volume in Pocket

This option increases the ringtone volume when the device is in a pocket or a bag. It uses the proximity sensor to detect its location.

- Touch **Increase volume in pocket** to create a check mark and enable the feature.

Voicemail Service

1. Touch **Voicemail service**.

 Voicemail service provided by your carrier is the default.

2. Touch **My carrier** to remove the carrier Voicemail service.

Voicemail Settings

To view or modify your voicemail number:

1. Touch **Voicemail settings**.
2. Touch the **Voicemail number** field, backspace to erase the digits, and enter a new voicemail number using the keypad, then touch **OK**.
3. Touch **OK**.

Sound

To set your default ringtone:

1. Touch **Sound**.
2. Touch a ringtone to hear it played.
3. Select a ringtone and touch **OK**.

Vibrate

This option allows you select vibration settings.

- Touch **Vibrate** to create a check mark and activate the Vibrate feature.

TTY Mode

A TTY (also known as a TDD or Text Telephone) is a telecommunications device that allows people who are deaf, hard of hearing, or who have speech or language disabilities, to communicate by telephone.

Your phone is compatible with select TTY devices. Please check with the manufacturer of your TTY device to ensure that it is compatible with digital cell phones.

Your phone and TTY device will connect via a special cable that plugs into your phone's headset jack. If this cable was not provided with your TTY device, contact your TTY device manufacturer to purchase the connector cable.

1. Touch **TTY mode**.
2. Touch **TTY Full**, **TTY HCO**, or **TTY VCO**.

 A green circle displays next to your selection.
3. Touch **TTY Off** to turn it off.

Hearing Aids

To turn on Hearing aid compatibility on your device:

- Touch **Hearing aids** to create a check mark and enable the Hearing aid compatibility feature.

Blocking Mode

When Blocking mode is enabled, notifications for selected features are disabled. You only receive notifications of incoming calls from people on your allowed list.

1. From the **Settings** screen, touch **My device** ➔ **Blocking mode**.
2. Touch **OFF/ON** to turn Blocking mode on.

Note: When enabled, the Blocking mode active icon displays in the Notification Bar.

3. Touch **Block incoming calls**, **Turn off notifications**, **Turn off alarm and timer**, or **Turn off LED indicator** to place a green check mark adjacent to those features you would like to enable.
4. Configure a timeframe for these features to be active. Remove the check mark from the **Always** field to configure the **From** and **To** time fields.
5. Touch **Allowed contacts** to assign those contacts that are exempted from these rules. Choose from None, All contacts, Favorites, or Custom. Allowed contacts will then appear in the **Allowed contact list**.

Hands-Free Mode

When Hands-free mode is enabled, incoming calls and notifications are read out automatically.

1. From the **Settings** screen, touch **My device** ➔ **Hands-free mode**.
2. Touch **OFF/ON** to turn Hands-free mode on.

Note: When enabled, the Hands-free mode active icon displays in the Notification Bar.

3. Touch **Incoming call**, **Message**, **Alarm**, or **Schedule** to enable notifications to be read out automatically.

Note: You can disable Hands-free mode by saying “Hands-free mode off” while in S voice, by accessing the Settings menu and touching **OFF/ON** to turn Hands-free mode off, or by using the Notification Panel.

Power Saving Mode

Use Power saving mode to manage your phone to conserve power.

1. From the **Settings** screen, touch  **My device** ➔ **Power saving mode**.

 The Power saving mode screen displays.

2. Touch **OFF/ON** to turn Power saving mode on.
3. Touch the following options to create a check mark and conserve power:
 - **CPU power saving**: Limit the maximum performance of the CPU.
 - **Screen power saving**: Lower the screen power level.
 - **Auto enable**: Automatically turn on Power saving mode when the battery falls below 20% even if Power saving mode is off.
4. Touch **Learn about Power saving mode** to learn about various ways to conserve battery power.

Accessory

To select the Audio output mode when using a car or desk dock:

- From the **Settings** screen, touch  **My device** ➔ **Accessory**.

 The following options display:

 - **Dock sound**: Play sounds when inserting or removing the phone from the dock.
 - **Audio output mode**: Use the external dock speakers when the phone is docked.
 - **Desk home screen display**: Display the desk home screen whenever the phone is docked.
 - **Automatic unlock**: If you are using a phone cover, unlock the screen when you open the cover.

Accessibility

Accessibility services are special features to make using the device easier for those with certain physical disabilities. Use the Accessibility settings to activate these services.

Note: You can download additional accessibility applications from Play Store and manage their use here.

1. From the **Settings** screen, touch **My device** ➔ **Accessibility**.
2. The following options are available:
 - **Auto rotate screen**: Automatically rotate the screen from landscape to portrait when you rotate your phone.
 - **Screen timeout**: Set the length of delay between the last key press or screen touch and the automatic screen timeout (dim and lock).
 - **Secured lock time**: Lock the screen after the selected amount of inactivity time.

Note: Secured lock time option only displays after you set a Screen Lock other than Swipe or None. For more information, refer to *"Screen Lock"* on page 155.

- **Speak passwords**: Read out password information.
- **Answering/ending calls**: Accept incoming calls by pressing the **Home** key or end calls using the power key.
- **Show shortcut**: Add Accessibility as a shortcut under the device options available after pressing and holding the **Power/Lock** key.
- **Manage accessibility**: Save and update your accessibility settings or share them with another device. You can export your settings, import a previously saved file, or share your file with another device.
- **TalkBack**: Activate the TalkBack feature.

Note: TalkBack, when installed and enabled, speaks feedback to help blind and low-vision users.

Important! TalkBack can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.

- **Font size**: Change the size of the fonts used on the device within menus, options, and so on. Choose from: Tiny, Small, Normal, Large, or Huge.
- **Magnification gestures**: Use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Negative colors**: Reverse the display of onscreen colors from White text on a Black background to Black text on a White background.
- **Color adjustment**: Adjust the display colors, if you are color blind and have difficulty reading the display because of the colors. Touch **OFF/ON** to turn it on. Follow the onscreen instructions.
- **Accessibility shortcut**: Quickly enable accessibility features in two quick steps. Touch **OFF/ON** to turn it on. Follow the onscreen instructions.
- **Text-to-speech options**: Adjust your text-to-speech settings. For more information, refer to *"Text-to-Speech Options"* on page 173.
- **Enhance web accessibility**: Allow apps to install scripts from Google that make their Web content more accessible. Touch Allow.
- **Sound balance**: Use the slider to set the Left and Right balance when using a stereo device.
- **Mono audio**: Enable stereo audio to be compressed into a single mono audio stream for use with a single earbud or earphone.
- **Turn off all sounds**: Mute every sound made by the device.
- **Flash notification**: Set your camera light to blink whenever you receive a notification.
- **Assistant menu**: Improve the device accessibility for users with reduced dexterity. Touch **OFF/ON** to turn it on. Follow the onscreen instructions.
- **Tap and hold delay**: Select a time interval for this action.
- **Interaction control**: Enable or disable motions and screen timeout. You can also block areas of the screen from touch interaction. Touch **OFF/ON** to turn it on. Follow the onscreen instructions.

Browser Bar

The Browser Bar option allows you to set up a Browser Bar for the web browser.

1. From the **Settings** screen, touch **My device** ➔ **Browser Bar**.
2. Follow the onscreen instructions to set up or modify your Browser Bar.

Language and Input

Use this menu to configure the language used to display text on your phone. You can also set onscreen keyboard options.

- From the **Settings** screen, touch **My device** ➔ **Language and input**.

 The following options display.

Language

You can change the language used by your device by following these steps:

1. From the **Language and input** screen, touch **Language**.
2. Touch a language from the list.

Keyboards and Input Methods

You can change the keyboard used by your device by following these steps:

1. From the **Language and input** screen, touch **Default** and select a keyboard.

 Select Samsung keyboard or Swype.

 – or –

 Touch **Set up input methods**.

2. Touch **Settings** next to the input method that you would like to configure.

 Depending on the input method selected, the appropriate settings display and are explained below.

Google Voice Typing

To configure Google voice typing:

- From the **Language and input** screen, touch ⚙ next to **Google voice typing**.

 The following options are available:

 - **Choose input languages**: Touch a language that you want to input. Select **Automatic** to use the local language or select a language from the list.
 - **Block offensive words:** Create a check mark and enable the blocking of recognized offensive words from the results of your voice-input Google typing.
 - **Offline speech recognition**: Enables voice input while offline.

Samsung Keyboard

To configure the Samsung keyboard:

- From the **Language and input** screen, touch ⚙ next to **Samsung keyboard**.

 The following options are available:

 - **Alphabets**: Choose a keyboard configuration to be used when entering letters (Qwerty keyboard [default] or 3x4 keyboard).
 - **Numbers and symbols**: Choose a keyboard configuration to be used when entering numbers or symbols (Qwerty keyboard [default] or 3x4 keyboard).
 - **Input languages**: Set the input language. Touch a language from the available list. The keyboard is updated to the selected language.
 - **Predictive text**: Enable predictive text entry mode. This must be enabled to gain access to the advanced settings. Touch and hold to access the advanced settings. Touch **OFF/ON** to turn it on.

 The following options are available:

 – **Personalized data**: Use personal language that you have added to make your prediction results better.

- **Learn from Facebook**: Log in to your Facebook account so your phone can learn your Facebook style.
- **Learn from Gmail**: Log in to your Gmail account so your phone can learn your Gmail style.
- **Learn from Twitter**: Log in to your Twitter account so your phone can learn your Twitter style.
- **Learn from Messages**: Allow your device to learn from your Messages.
- **Learn from Contacts**: Allow your device to learn from your Contacts.
- **Clear remote data**: Delete anonymous data that is stored on the personalization server.
- **Clear personal data**: Remove all personalized data that you have entered.
- **Privacy policy**: Read the privacy policy. Follow the onscreen instructions.

• **SwiftKey Flow**: Enable or disable the SwiftKey Flow feature. When enabled, you can enter text by sliding your finger across the keyboard.

• **Cursor control:** Move the cursor by sliding your finger across the keyboard.

• **Key-tap sound**: Enable or disable auditory feedback when you touch an onscreen key.

• **Advanced**: Touch to display the following options:
- **Auto capitalization**: Automatically capitalize the first letter of the first word in each sentence (standard English style).
- **Auto spacing**: Automatically insert spaces between words.
- **Auto punctuate**: Automatically insert a full stop in a sentence by touching the space bar twice when using the onscreen QWERTY keyboard.
- **Character preview**: Provide an automatic preview of the current character selection within the text string. This is helpful when multiple characters are available within one key.

• **Tutorial**: Display more information about using the Samsung keyboard.

• **Reset settings**: Reset the keyboard settings back to their original configuration.

Swype

To configure Swype settings:

- From the **Language and input** screen, touch next to **Swype** to display the following options:
 - **Settings**: Configure basic Swype settings.
 - **My Words**: Set options for managing your dictionary and data.
 - **Languages**: Manage the language used for Swype. The default language is English. Touch **Download languages**, to download additional languages.
 - **Gestures**: Display helpful information on using gestures while using Swype.
 - **Help**: Touch **How to Swype** to view an onscreen manual for Swype. Touch **Show helpful tips** for more Swype information.
 - **Updates**: Check for available Swype updates.

Voice Search

- From the **Language and input** screen, touch **Voice search** to configure the following:
 - **Language**: Choose a language for your voice input.
 - **Speech output**: Sets whether you will use speech output always, for informative only, or only when using Hands-free mode.
 - **Block offensive words**: Enable or disable blocking of recognized offensive words from the results of your voice-input Google searches.
 - **Hotword detection**: Enable to being able to launch voice search by saying the word “Google”.
 - **Offline speech recognition**: Enables voice input while offline.
 - **Bluetooth headset**: Record audio through a Bluetooth headset, if available.

Text-to-Speech Options

Voice output provides audible readout of text, for example, the contents of email messages.

1. From the Language and input screen, touch **Text-to-speech options** and select the preferred TTS engine, **Samsung text-to-speech engine** or **Google Text-to-speech Engine**.
2. Touch  next to the preferred TTS engine and configure.
3. Under General, configure the following:
 - **Speech rate**: Set the speed at which the text is spoken.
 - **Listen to an example**: Play a sample of speech synthesis (available if voice data is installed).

Pointer Speed

This option sets your Pointer speed for your mouse or trackpad when you are using a keyboard dock accessory.

1. From the **Language and input** screen, touch **Pointer speed**.
2. Drag the slider to the right to go faster or to the left to go slower.
3. Touch **OK** to save your setting.

Motions and Gestures

The Motions and Gestures settings allow you to set up various Motion activation services. For more information on using gestures, see *"Using Motions and Gestures"* on page 23.

- From the **Settings** screen, touch

My device ➔ **Motions and gestures**.

Motion

Motion allows you to control your device by performing natural movements.

1. From the Motions and gestures screen, touch **Motion**.

 The Motion screen displays.

2. Touch **OFF/ON** to turn Motion on.
3. Touch **OFF/ON** to enable each option:
 - **Direct call**: Once enabled, the device will dial the currently displayed onscreen Contact entry as soon as you place the device to your ear.
 - **Smart alert**: Once enabled, pickup the device to be alerted and notified of you have missed any calls or messages.
 - **Zoom**: Once enabled, you must be on a screen where content can be zoomed. In a single motion, touch and hold two points on the display then tilt the tilt the device back and forth to zoom in or out.
 - **Move an icon:** Once enable, you can move an icon to another page by holding the icon, then moving the device to the left or right.
 - **Browse an image:** Once enabled, touch and hold a desired onscreen image to pan around it. Move the device left or right to pan vertically or up and down to pan horizontally.
 - **Mute/pause**: Once enabled, mute incoming calls and any playing sounds by turning the device display down on a surface.

Palm Motion

Palm motion allows you to control your device by touching your screen with the palm of your hand.

1. From the Motions and gestures screen, touch **Palm motion**.

 The Palm motion screen displays.

2. Touch **OFF/ON** to turn Palm motion on.
3. Touch **OFF/ON** to enable each option:
 - **Mute/pause**: Once enabled, you can pause any onscreen video or mute any current sound by simply covering the screen with your hand. Once you remove your hand from the screen, the device goes back to normal by either continuing to play the current video or unmuting the current sound.

Gyroscope Calibration

Gyroscope calibration allows you to calibrate motion correctly using the device's built-in gyroscope.

1. From the Motions and gestures screen, touch **Gyroscope calibration**.
2. Place your device on a flat surface.
3. Touch **Calibrate**.

Smart Screen

The Smart screen options allow you to customize your screen settings to make the screen more responsive and easier to use.

1. From the **Settings** screen, touch 

My device ➔ **Smart screen**.
2. To set the screen to stay on as long as you look at it, touch **Smart stay** to create a check mark and activate the feature.

Voice Control

The Voice control settings allow you to set up voice commands to control your device.

1. From the **Settings** screen, touch 

My device ➔ **Voice control**.
2. Touch **OFF/ON** to turn Voice control on.
3. Touch the following options to create a check mark and activate the feature:
 - **Incoming calls**: Answer or reject calls using the commands **Answer** and **Reject**.
 - **Alarm**: Stop or snooze an alarm by using the commands **Stop** and **Snooze**.
 - **Camera**: Take photos by using voice commands such as **Capture**, **Shoot**, **Smile**, or **Cheese**.
 - **Music**: Control your Music app using the voice commands **Next**, **Previous**, **Play**, **Pause**, **Volume up**, and **Volume down**.

Note: If you set the alert type for calls or alarms to vibration, voice control is not available.

Accounts

Use this option to set up, manage, and synchronize accounts, including your Google and email accounts.

Adding an Account

1. From the **Settings** screen, touch  **Accounts** ➔ **Add account**.
2. Touch one of the account types.
3. Use the keyboard and follow the prompts to enter your credentials and set up the account.

 A green button appears next to the account type once you have created an account. Your accounts are also displayed in the **My accounts** section of the main Accounts menu.

Synchronizing Accounts

Select the items you want to synchronize on your account such as Books, Calendar, Contacts, and more.

1. From the **Settings** screen, touch  **Accounts**.
2. Touch the account type, which is located in the **My accounts** section.
3. Touch **Sync all** to synchronize all accounts of this type.
4. For Google accounts, touch one of the items listed under Privacy to view various settings for that item.

 – or –

 For Samsung accounts, touch **Account settings** to manage Samsung account settings.

 – or –

 For Email accounts, touch **Settings** to manage various settings for that account.
5. Touch the account name.
 - Touch the items you want to synchronize with your account to create a check mark then touch **Sync now**. This includes items such as app data, calendar, contacts, gmail or email, photos, and so on. (The items that are available to Sync depends on the type of account.)
 - Touch **Cancel sync** to stop the synchronization.

Removing an Account

Important! Removing an account also deletes all of its messages, contacts, and other data from the device.

1. From the **Settings** screen, touch **Accounts**.
2. Touch the account type, which is located in the **My accounts** section.
3. Touch the account name.
4. Touch **Remove account**, then touch **Remove account** at the prompt to remove the account and delete all its messages, contacts, and other data.

Back Up and Reset

The Back up and reset settings allow you to back up your data, back up accounts, automatically restore your phone, and reset your phone settings to the factory settings.

- From the **Settings** screen, touch **Accounts** ➔ **Back up and reset**. The following options display:
 - **Back up my data**: By setting this option, the Google server will back up all of your settings and data, such as application data, WI-Fi passwords, and other settings, to the Google server.
 - **Backup account**: If you have enabled the **Back up my data** option, then the **Backup account** option is available. Touch **Backup account** and touch your Google Gmail account or touch **Add account** to set your Google Gmail account to be backed up to the Google server.
 - **Automatic restore**: By setting this option, when you reinstall an application, all of your backed up settings and data will be restored from the Google server.

Factory Data Reset

From this menu you can reset your phone and sound settings to the factory default settings.

1. From the **Settings** screen, touch  **Accounts** ➔ **Back up and reset**.
2. Touch **Factory data reset**.
3. Touch **Reset device**, then follow the prompts to perform the reset.

Warning! Performing a Factory data reset erases all data from your phone and internal SD card, including your Google account, system and application data and settings, and downloaded applications. It does not erase current system software, bundled applications, and external SD card files such as music and photos.

Location Services

The Location services settings allow you to set up how the phone will determine your location and the sensor settings for your phone.

1. From the **Settings** screen, touch **More** ➔ **Location services**.
2. Touch any of the following options to create a check mark and activate the service:
 - **Access to my location**: Allow apps that have asked your permission to use your location information.
 - **Use GPS satellites**: Allow applications to use GPS to pinpoint your location.
 - **Use wireless networks**: Allow applications to use data from mobile networks and Wi-Fi to help determine your location.
 - **My places**: Add location information for your Home, Office, and Car.

Security

The Security settings allow you to determine the security level for your phone.

Encryption

To require a numeric PIN or password to decrypt your phone each time you power it on or encrypt the data on your SD card each time it is connected:

1. From the **Settings** screen, touch  **More** ➔ **Security**.
2. You must first set up a screen lock type, if you have not already done so. For more information, refer to *"Screen Lock"* on page 155.
3. Touch **Encrypt device**. For more information, read the displayed help screen.
4. Touch **Encrypt external SD card** to enable the encryption on SD card data that requires a password be entered each time the microSD card is connected.

Tip: Make sure your battery is charged more than 80 percent. Encryption may take an hour or more.

Set Up or Change Password

Use this option to set up your password when one is first required or change your current password.

1. From the **Settings** screen, touch  **More** ➔ **Security** ➔ **Set up/change password**.
2. Enter a new password and touch **Confirm**.

Set Up SIM Card Lock

To prevent another person from using your SIM card to make unauthorized calls or from accessing information stored on your SIM card, you can protect the information by using a PIN code.

When enabled, your phone asks for a PIN number each time you use the phone. Using this option you can also change your SIM PIN number.

1. From the **Settings** screen, touch  **More** ➔ **Security** ➔ **Set up SIM card lock**.
2. Touch **Lock SIM card** and enter your SIM PIN code.

Note: You must activate Lock SIM card before you can change your SIM PIN code.

To change your SIM PIN code:

1. Touch **Change SIM PIN**.
2. Enter your old SIM PIN code and touch **OK**.
3. Enter your new SIM PIN code and touch **OK**.
4. Re-type your new SIM PIN code and touch **OK**.

Forgotten SIM PIN Password

If you enter the wrong SIM PIN more than 3 times, you must contact your AT&T Customer Service Representative to get the PUK code for your device.

1. Each time you enter a wrong SIM PIN number the phone displays how many attempts you have remaining.
2. After the third incorrect attempt, **SIM is now disabled, Enter PUK code to continue. Contact carrier for details** displays and your SIM card is locked.
3. When you receive the new PUK code from your AT&T Customer Service Representative, enter it in the **PUK code** field.
4. Enter a new PIN code in the **Enter a new PIN** field and touch **OK**.
5. Enter the new PIN code again in the **Confirm your new PIN** field and touch **OK**.

Note: While your SIM PIN is locked, you can still make Emergency calls, if necessary.

Make Passwords Visible

When enabled, password characters display briefly as you touch them while entering passwords.

1. From the **Settings** screen, touch  **More** ➔ **Security**.
2. Touch **Make passwords visible** to enable or disable brief displays of password characters.

 When enabled, a check mark displays in the check box.

Device Administration

Use the Device Administration feature to select one or more administration applications that control your device for security purposes (for example, if your phone is lost of stolen). These applications enforce remote or local device security policies.

Some of the features a device administration application might control are:

- Setting the number of failed password attempts before the device is restored to factory settings.
- Automatically locking the device.
- Restoring factory settings on the device.

Note: If a device uses multiple enabled administration applications, the strictest policy is enforced.

1. From the **Settings** screen, touch **More** ➔ **Security**.
2. Touch **Device administrators**, to select a device administrator, and follow the prompts.

 If no device administrators are listed, you can download them from the Play Store.
3. Touch **Unknown sources** to download and install non-Market applications.

Warning! Enabling this option causes your phone and personal data to be more vulnerable to attack by applications from unknown sources.

4. Touch **Verify Apps** to cause your phone to either block or warn you before installing apps that may cause harm to your phone.
5. Touch **Change security level** to set the security level to High or Normal.

Security Update Service

To set security update service settings:

1. From the **Settings** screen, touch  **More** ➔ **Security**.
2. Touch **Security policy updates** to automatically check for changes to the security policy and download any updates to improve security and service.
3. Touch **Send security reports** to send security reports to Samsung, using Wi-Fi, for threat analysis.

Credential Storage

If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

1. From the **Settings** screen, touch  **More** ➔ **Security**.
2. Touch **Trusted credentials**. There are two tabs:
 - **System**: Display CA certificates that are permanently installed in the ROM of your device.
 - **User**: Display any CA certificates that you installed, for example, in the process of installing a client certificate.
3. Touch a CA certificate to examine its details.
4. Scroll to the bottom of the details screen and touch **Turn off** to disable a System certificate.

Caution! When you disable a system CA certificate, the **Turn off** button changes to **Turn on**, so you can enable the certificate again, if necessary.

5. Touch **Install from device storage**, then choose a certificate and follow the prompts to install encrypted certificates stored on the USB storage.

Note: You must have installed a memory card containing encrypted certificates to use this feature.

6. Touch **Clear credentials** to erase the credential contents from the device and reset the password.

Note: This setting only appears if you have installed encrypted certificates.

Application Manager

You can download and install applications from Play Store or create applications using the Android SDK and install them on your device. Use Application manager settings to manage applications.

Warning! Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Memory Usage

See how memory is being used by Downloaded or Running applications.

1. From the **Settings** screen, touch **More** ➔ **Application manager**.
2. Touch **DOWNLOADED**, **SD CARD**, **RUNNING**, or **ALL** to display memory usage for that category of applications.

 The graph at the bottom of the DOWNLOADED tab shows used and free device memory. The graph at the bottom of the RUNNING tab shows used and free RAM.

Downloaded

Displays apps you have downloaded onto your device.

1. From the **Settings** screen, touch **More** ➔ **Application manager**.
2. Touch the **DOWNLOADED** tab to view a list of all the downloaded applications on your device.
3. To switch the order of the lists displayed in the Downloaded tabs, touch **Menu** ➔ **Sort by size** or **Sort by name**.
4. To reset your application preferences, touch **Menu** ➔ **Reset app preferences**.

Note: This will reset the preferences for disabled apps, disabled app notifications, default applications for actions, and background data restrictions for apps. You will not lose any app data.

5. Touch an application to view and update information about the application, including memory usage, default settings, and permissions.

SD Card

Displays apps you have downloaded onto your SD card.

1. From the **Settings** screen, touch  **More** ➔ **Application manager**.
2. Touch the **SD CARD** tab to view a list of all the downloaded applications on your device.
3. To switch the order of the lists displayed in the SD CARD tab, touch **Menu** ➔ **Sort by size** or **Sort by name**.
4. To reset your application preferences, touch **Menu** ➔ **Reset app preferences**.

Note: When you Reset app preferences, you will not lose any app data.

5. Touch an application to view and update information about the application, including memory usage, default settings, and permissions.

Running Services

View and control services running on your device.

1. From the **Settings** screen, touch  **More** ➔ **Application manager**.
2. Touch the **RUNNING** tab. All the applications that are currently running on the device display.
3. Touch **Show cached processes** to display all the cached processes that are running. Touch **Show services in use** to switch back.
4. Touch one of the applications to view application information. The following options display:
 - **Stop**: Stops the application from running on the device. This is usually done prior to uninstalling the application.

Warning! Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.

 - **Report**: Report failure and other application information.

Note: Options vary by application.

Battery

See how much battery power is used for device activities.

1. From the **Settings** screen, touch  **More** ➔ **Battery**.

 The battery level displays in percentage. The amount of time the battery was used also displays. Battery usage displays in percentages per application.

2. Touch **Screen**, **Android System**, **Android OS**, or any other listed application to view how it is affecting battery use.

Note: Other applications may be running that affect battery use.

3. Touch **Show battery percentage** to see the battery charge percentage next to the battery charge icon at the top of the display.

Storage

From this menu you can view the memory allocation for the memory card and USB as well as mount or unmount the SD card.

Device Memory

To view the memory allocation for your phone:

- From the **Settings** screen, touch  **More** ➔ **Storage**.

 The Device memory displays as Total space, System memory, Used space, Cached data, Miscellaneous files, and Available space.

SD Card

Once a memory card has been installed in your device, the SD card memory displays as Total space and Available space.

Mounting an SD Card

1. Install an SD card. For more information, refer to *"Installing a MicroSD Card"* on page 9.
2. From the **Settings** screen, touch **More** ➔ **Storage**.
3. Touch **Mount SD card**.

Unmounting an SD Card

1. From the **Settings** screen, touch **More** ➔ **Storage**.
2. Touch **Unmount SD card**.
3. At the prompt, select **OK** to safely unmount the memory card.
4. Remove the SD card from the slot.

Note: Unmounting an SD card will stop some applications from functioning. Applications may not be available until you mount the SD card again.

Formatting an SD Card

When formatting an SD card you will want to backup your music and photo files that are stored on the card because formatting the SD card deletes all the stored data.

1. From the **Settings** screen, touch **More** ➔ **Storage**.
2. Touch **Format SD card** and then touch **Format SD card** again on the warning screen.
3. Touch **Delete all**.

Note: The **Format SD card** option is only available when your SD card is mounted.

Date and Time

To change the current time and date displayed:

- From the **Settings** screen, touch  **More** ➔ **Date and time**. The following options display:
 - **Automatic date and time**: Allow the network to set the date and time. Disable this option to set date and time manually.
 - **Set date**: Enter the current date.
 - **Set time**: Enter the current time.
 - **Automatic time zone**: When enabled, the phone takes the time zone from the wireless network. Disable this option to set time zone manually
 - **Select time zone**: Choose your local time zone (only available when the Automatic setting is disabled).
 - **Use 24-hour format**: Set the format for time displays. If this option is not selected, the phone automatically uses a 12-hour format.
 - **Select date format**: Set the format for date displays.

About Device

This menu contains legal information, system tutorial information, and other phone information such as the model number, firmware version, baseband version, kernal version, and software build number.

To access phone information:

1. From the **Settings** screen, touch  **More** ➔ **About device**.
2. The following information displays:
 - **Software update**: Update your phone software, if available. For more information, refer to *"Software Update"* on page 188.
 - **Status**: View the status of your device. Battery status, Battery level, Network, Signal strength, and so on, are displayed as described on the screen.
 - **Legal information**: Display Open source licenses, Google legal, and Samsung legal information.
 - **Device name**: Enter the name for your device. The default is the model number: SAMSUNG-SGH-I257.
 - **Model number**: Phone's model number.

- **Android version**: Android version loaded on this phone.
- **Baseband version**: Baseband version loaded on this phone.
- **Kernel version**: Kernel version loaded on this phone.
- **Build number**: Software build number.
- **SE for Android status**: Display Security Enhancements for Android status information.
- **Secure boot status**: Status of the Secure boot.

Note: Baseband, kernal, and build numbers are usually used for updates to the handset or support. For additional information please contact your AT&T service representative.

Software Update

The AT&T Software Update feature enables you to use your phone to connect to the network and upload any new phone software directly to your phone. The phone automatically updates with the latest available software when you access this option.

1. From the **Settings** screen, touch  **More** ➔ **About device** ➔ **Software update**.
2. Touch **Check for updates**.
3. At the **AT&T Software update** prompt, touch **OK** to continue.
4. The phone automatically updates the software (if available), otherwise, when the **Current software is up to date** prompt displays, touch **OK**.
5. When updating software, once the update file is downloaded, you can delay the update on the start screen by postponing it for a certain period of time. If you want to resume the update before the selected time, touch **Continue update**.

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